LA-UR-11-0193
February 2011
EP2011-0024

Periodic Monitoring Report for Water Canyon/ Cañon de Valle Watershed, September 7–September 24, 2010

Prepared by the Environmental Programs Directorate

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Water Canyon/Cañon de Valle Watershed. This PME was conducted pursuant to the 2010 Interim Facility-Wide Groundwater Monitoring Plan, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from September 7 to 24, 2010, and included monitoring of groundwater wells or well ports, springs, and base-flow stations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

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

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

No previous PME groundwater samples reported in this PMR were above screening levels. Twenty-one results from groundwater samples collected during this PME were above screening levels.

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Acronyms and Abbreviations

AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
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
GW	groundwater
HE	high explosives
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
LVL	level
MCL	maximum contaminant level (EPA)
MDL	method detection limit
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NTU	nephelometric turbidity unit(s)
PME	periodic monitoring event
PMR	periodic monitoring report
PQL	practical quantitation limit
QC	quality control
RCRA	Resource Conservation and Recovery Act
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RPF	Records Processing Facility
SCRN	screening
SOP	standard operating procedure
STD	standard
SU	standard unit
SVOC	semivolatile organic compound
TA	technical area
TNT	2,4,6-trinitrotoluene

UF	unfiltered
VOC	volatile organic compounds

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of quarterly groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Water Canyon/Cañon de Valle Watershed pursuant to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) (LANL 2010, 109830) prepared in accordance with the Compliance Order on Consent (Consent Order). This periodic monitoring event (PME) occurred from September 7 to 24, 2010, and included sampling at groundwater wells or well ports, springs, and base-flow stations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

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

This report presents the following information:

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

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

1.1 Background

The Water Canyon/Cañon de Valle Watershed is located in the southern portion of the Laboratory and encompasses an area of approximately 19 mi^2 (31 km^2). The headwaters of the Water Canyon/Cañon de Valle Watershed are located in the Sierra de los Valles, near the western margin of the Pajarito Plateau. The discharge point of the watershed is located at the Rio Grande on the eastern edge of the plateau. The major canyons in the watershed include Water, Cañon de Valle, Potrillo, and Fence Canyons. There are also numerous smaller canyons and arroyos within the watershed. The watershed includes numerous springs, ephemeral and perennial surface water, and alluvial groundwater. Cañon de Valle is the main tributary to Water Canyon.

Tributaries that may contribute contamination to Water Canyon/Cañon de Valle include Indio, Fence, and Potrillo Canyons, which join Water Canyon on the eastern side of the Laboratory. The technical areas (TAs) located within this watershed include TA-08, TA-09, TA-11, TA-14, TA-15, TA-16, TA-28, TA-36, TA-37, TA-39, TA-49, TA-68, TA-70, and TA-71. This region of the Laboratory was used for weapons testing, explosives testing, and explosives production and received effluent from outfalls containing explosives compounds, metals, and volatile organic compounds (VOCs). Stormwater runoff from firing

sites, open burn/open detonation units, surface disposal sites, solid waste management units, and areas of concern may have contributed to the contamination detected within the watershed. The contaminants detected in soil, rock, and sediment samples obtained from various locations within the watershed during previous investigations include barium and other Resource Conservation and Recovery Act (RCRA) metals, explosives compounds, VOCs, and radionuclides (not addressed under the Consent Order).

Results of the TA-16-260 Outfall corrective measures study investigation (LANL 2003, 085531) showed that the drainage channel below the outfall; the canyon bottom and surface water; alluvial groundwater; and deep-perched groundwater are contaminated with explosives compounds, including hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX); 1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX); 2,4,6-trinitrotoluene (TNT); and barium (LANL 2003, 085531). The barium contamination resulted from an explosive compound, Baratol, which is a mixture of barium nitrate and TNT.

2.0 SCOPE OF ACTIVITIES

The PME for the Water Canyon/Cañon de Valle Watershed was conducted pursuant to the 2010 IFGMP (LANL 2010, 109830).

Table 2.0-1 provides the location name, sample collection date, port name, port depth, screened interval, top and bottom screen depths, casing volume, purge volume, and base flow for each of the monitored locations. These locations are shown in Figure 2.0-1.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2010 IFGMP (LANL 2010, 109830).

3.2 Field Parameter Results

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

3.3 Water-Level Observations

The periodic monitoring water-level data for this event and the previous four monitoring events are presented in Appendix B (on CD included with this document). For wells equipped with transducers, the reported water level is the water-level measurement taken earliest on the day of sampling. All manual measurements are reported at the time immediately before sampling. The water-level measurements taken during these PMEs are shown graphically on Plate 1. Similarly, base-flow measurements are shown graphically in Figure 3.3-1.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the fieldwork deviations from the planned scope of the PMEs. 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.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PMEs are documented in the 2010 IFGMP (LANL 2010, 109830). Purge water is managed and characterized in accordance with waste profile form 39268, a copy of which was included in Appendix F of a previous PMR (LANL 2008, 103737) and ENV-RCRA-QP-010.2, Land Application of Groundwater. ENV-RCRA-QP-010.2 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling 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 are available 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 required analysis.

The required analytical laboratory batch quality control (QC) is defined by the analytical method, the analytical statement of work, and generally accepted laboratory practices. The analytical laboratory assigns qualifiers to the data to indicate the quality of the analytical results. The laboratory batch QC was 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 were 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 was 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 nondetect.

4.2 Analytical Data

Appendix C presents the analytical data from this PME and from the four sampling events immediately before the September 2010 sampling event. The analytical laboratory reports (including chain-of-custody forms and data validation) are provided in Appendix F (on DVD included with this document).

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

- All data
    - ❖ Data that are R-qualified (rejected because of noncompliance regarding QC acceptance criteria) during independent validation are considered unusable but are still reported.
    - ❖ Analytical laboratory QC results, including matrix spike and matrix spike duplicates, are not included in the data set.
    - ❖ Field duplicates, reanalyses, field blanks, trip blanks, equipment blanks, and results from different analytical methods are reported.
- Radionuclides
    - ❖ Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
    - ❖ Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
    - ❖ Low-detection-limit tritium results greater than 3 times the 1 standard deviation total propagated analytical uncertainty are considered to be detections.
    - ❖ Otherwise, all results are reported at all locations.
- Nonradionuclides
    - ❖ All results, excluding nondetections, are reported.

The results of data screening for this PMR appear in Tables D-1 through D-10 in Appendix D. These tables 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. The sources of screening levels with which the results are compared are listed in Table 4.2-1.

Data for PMRs are evaluated using the following screening process.

- Surface-water sampling results were compared with all surface-water standards without consideration of the designated use for the particular reach.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.
- Other groundwater data are screened to the lesser of the EPA MCL or the NMWQCC groundwater standard for an analyte.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. EPA MCLs are applied to both filtered and unfiltered sample results.
- 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 that have no other regulatory standard and for which toxicological information is published. These screening levels are for either a cancer- or noncancer-risk type. For the cancer-risk type, the EPA screening levels are for

10^{-6} excess cancer risk. The Consent Order specifies screening with these values at a 10^{-5} (rather than 10^{-6}) excess cancer risk. Therefore, the screening levels in the tables are 10 times the EPA 10^{-6} screening values.

- The analytical results for radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Guides (DCGs) for groundwater.

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

Graphs in Appendix E display concentration histories of analytes for locations where the analyte was above its screening level at least once during the three most recent PMEs. The concentration of the analyte is 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.

Figures 4.2-1 through 4.2-3 show concentrations at all locations from the current PME for analytes that exceeded their screening level at more than one sampling location. For example, RDX was above the EPA tap water screening level at several wells and springs, so all available RDX values from the current PME are shown in addition to the screening-level exceedances, which are displayed in yellow boxes.

4.2.1 Surface Water (Base Flow)

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

For the current PME, the filtered aluminum concentration in a surface-water sample at location Between E252 and Water at Beta was above the NMWQCC Aquatic Life Chronic standard screening level of 87 µg/L; this standard applies in this perennial reach. The current result of 366 µg/L is in the range of results measured since 2007, which vary from nondetect (<159 µg/L) to 2990 µg/L.

At location Canon de Valle below MDA P, the 0.25 µg/L concentration of benzo(a)anthracene in an unfiltered sample was above the NMWQCC Human Health standard screening level of 0.18 µg/L. The concentration is estimated as it is just above the 0.20 µg/L MDL. This is the first detection of this compound at this location in seven sample events since 2005.

4.2.2 Groundwater

No previous PME groundwater samples reported in this PMR were above screening levels.

For the current PME, the filtered barium concentration at Cañon de Valle alluvial well CDV-16-02659 was above the NMWQCC groundwater standard screening level of 1000 µg/L. Barium has been present at similar levels since 1997 at this well.

Alluvial well MSC-16-06295 in Martin Spring Canyon had filtered iron and manganese results above the respective NMWQCC groundwater standard screening levels (applicable to domestic water supply) of 1000 µg/L and 200 µg/L. The filtered iron result of 6390 µg/L is the highest measured; other values collected since 2000 range from 300 µg/L to 5560 µg/L. The filtered manganese result of 1270 µg/L is similar to values collected since 2000 that range from 11.7 µg/L to 3340 µg/L.

At Cañon de Valle alluvial well CDV-16-02659, RDX was found above the EPA tap water screening level of 6.1 µg/L. This result is consistent with variable concentrations measured at this well since 1997, with results up to 112 µg/L.

The filtered uranium concentration of 43.7 µg/L in a sample from the 754-ft intermediate screen at R-25 was above the 30 µg/L NMWQCC groundwater standard screening level. The unfiltered sample result from this PME was 0.506 µg/L. Earlier filtered results since 2000 for this screen range from 0.475 µg/L to 1.43 µg/L, and the unfiltered results have a maximum of 1.59 µg/L.

The filtered boron concentration of 1440 µg/L from intermediate groundwater location Martin Spring was above the 750 µg/L NMWQCC groundwater standard screening level. Samples taken here since 1995 range from 570 µg/L to 2840 µg/L with only one below the screening level.

The total (unfiltered) chromium concentration at intermediate well R-26 PZ-2 of 117 µg/L was above the 100 µg/L EPA MCL screening level. The filtered result for this sample event was 2.87 µg/L, and one prior unfiltered result from this location was 70.8 µg/L.

At the 754-ft intermediate screen of R-25, the filtered nickel concentration of 454 was above the 200 µg/L NMWQCC groundwater standard screening level. Results since 2000 for this screen range from 9.5 µg/L to 966 µg/L.

The RDX concentrations in six intermediate wells or well ports and three intermediate springs were above the EPA tap water screening level of 6.1 µg/L. The results in R-25 of 18.5 µg/L at 891 ft and 20.6 µg/L at 1192 ft continue apparent upward trends in concentration since the first samples in 2000. However, most of the results at these ports (including from the current PME) have been qualified as estimated. The concentration at R-25b was 6.44 µg/L; this is the fifth sample event, with concentrations for previous samples between 5.68 µg/L and 10.2 µg/L.

For the other intermediate locations, RDX has been measured at similar concentrations at each location over the duration of sampling: at least 14 years in the springs and 6 years in the wells.

The sampling systems for two regional wells (CdV-R-15-3 and CdV-R-37-2) will be converted from Westbay to another type to improve sample quality. The samples reported in this PME were collected before conversion and show high concentrations of filtered iron and manganese, as in earlier samples from the wells. The filtered iron or manganese results from one screen of each well were above the respective NMWQCC groundwater standard screening levels (applicable to domestic water supply) of 1000 µg/L and 200 µg/L. Similar or higher concentrations for these compounds were seen previously at these screens.

Indeno(1,2,3-cd)pyrene was detected in an unfiltered sample from Water Canyon regional aquifer well R-27 at 0.4 µg/L; the EPA tap water screening level is 0.29 µg/L. The value was just above the 0.22 µg/L MDL and was estimated. The compound was not detected in 12 earlier samples.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the Water Canyon/Cañon de Valle Watershed are proposed at this time.

5.0 SUMMARY

5.1 Monitoring Results

The field-parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

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

Except for the first detection of benzo(a)anthracene at location Canon de Valle below MDA P, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

Two results from surface-water samples collected during this PME were above screening levels.

5.2.2 Groundwater

No previous PME groundwater samples reported in this PMR were above screening levels.

Except for detection of indeno(1,2,3-cd)pyrene at R-27, the highest uranium concentration at the 754-ft intermediate screen at R-25, the unfiltered chromium concentration at intermediate well R-26 PZ-2, and the filtered iron concentration at MSC-16-06295, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed. Comparable values of filtered iron and manganese for two regional wells (CdV-R-15-3 and CdV-R-37-2) have not been reported in previous PMRs but were measured in earlier samples from the wells.

Twenty-one results from groundwater samples collected during this PME were above screening levels.

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), November 2003. "Corrective Measures Study Report for Solid Waste Management Unit 16-021(c)-99," Los Alamos National Laboratory document LA-UR-03-7627, Los Alamos, New Mexico. (LANL 2003, 085531)

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

LANL (Los Alamos National Laboratory), June 2010. "2010 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-10-1777, Los Alamos, New Mexico. (LANL 2010, 109830)

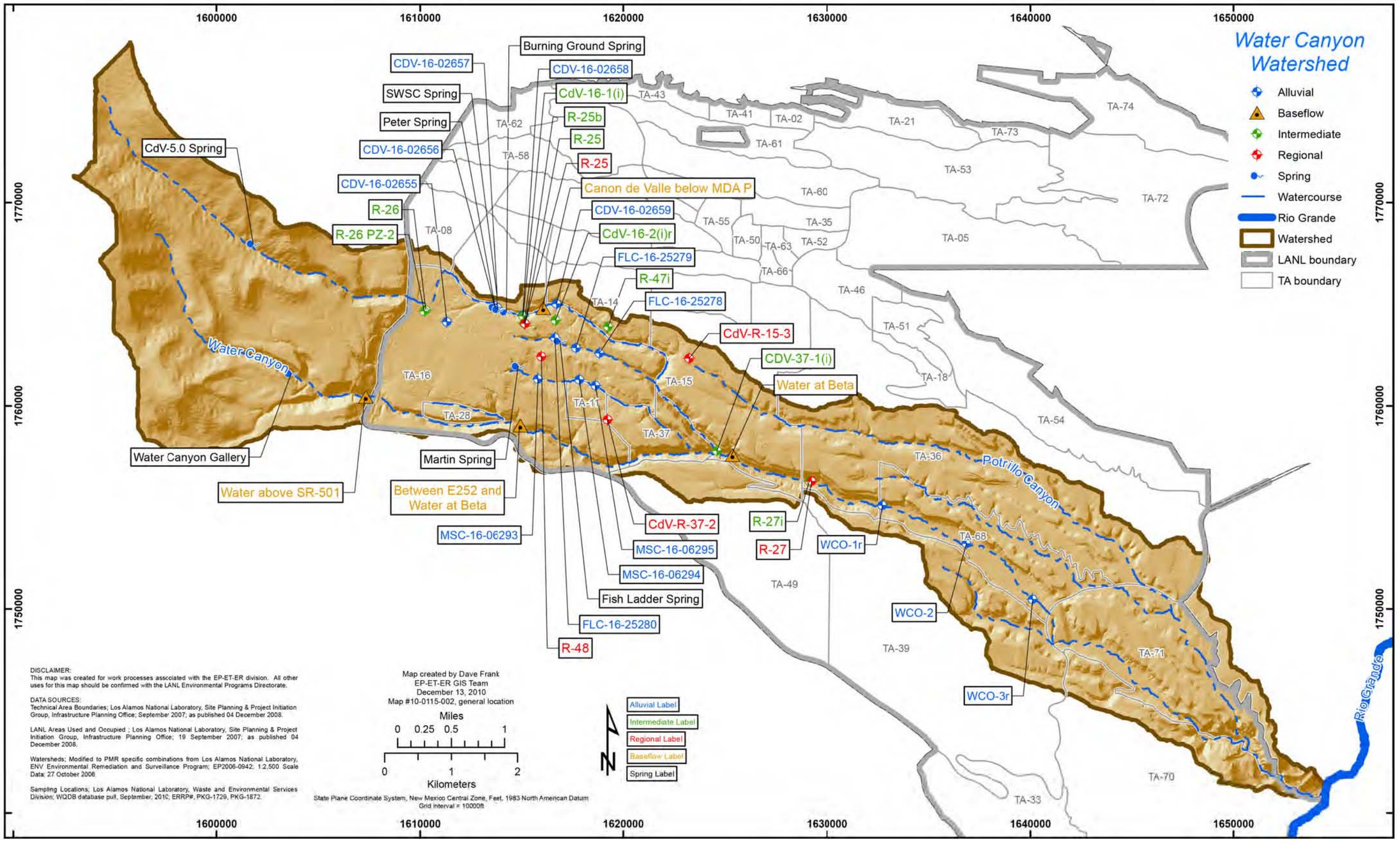


Figure 2.0-1 Locations monitored for this PME. Some locations on this map may not have been sampled (see Table 3.4-1).

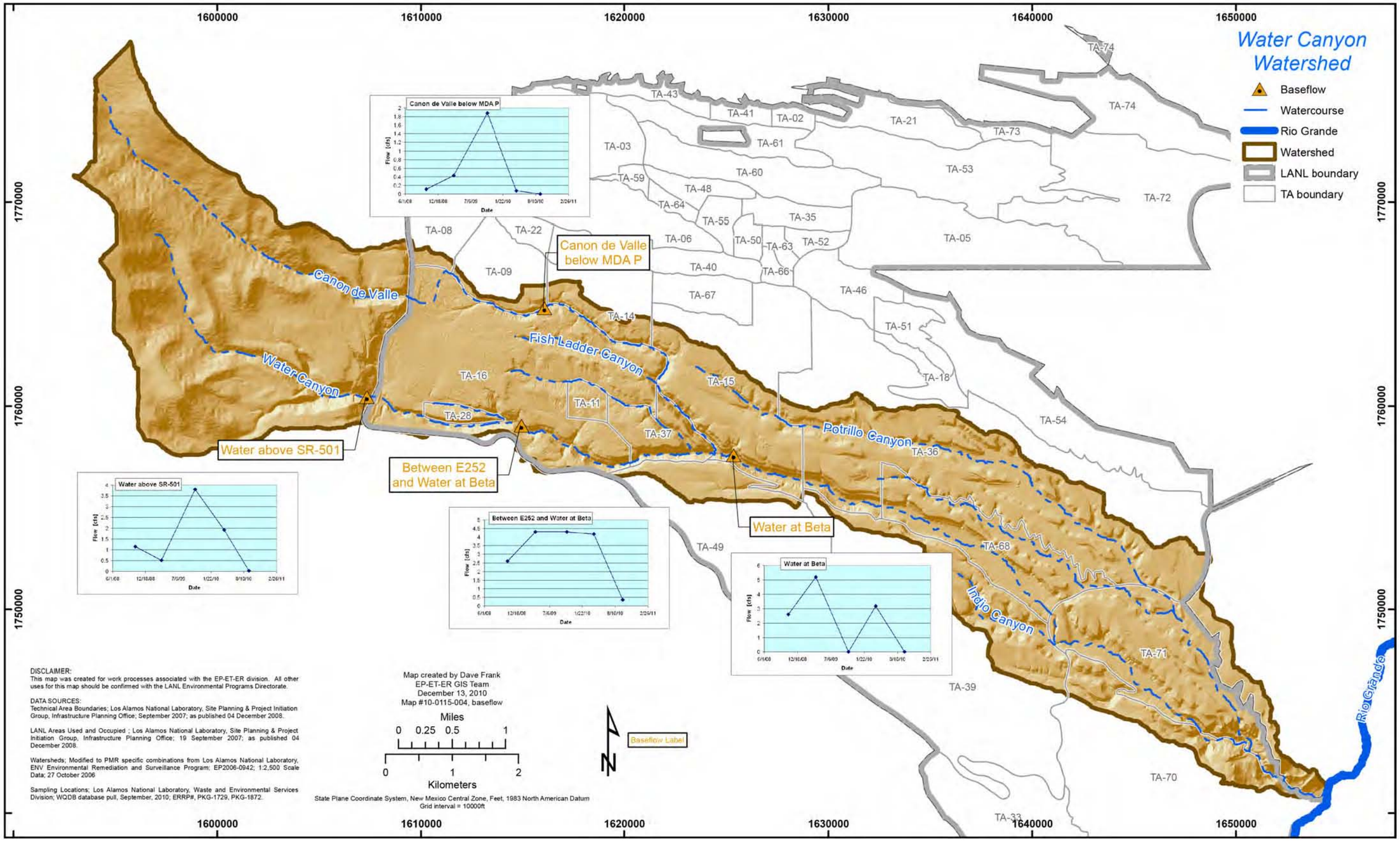


Figure 3.3-1 Base-flow measurements

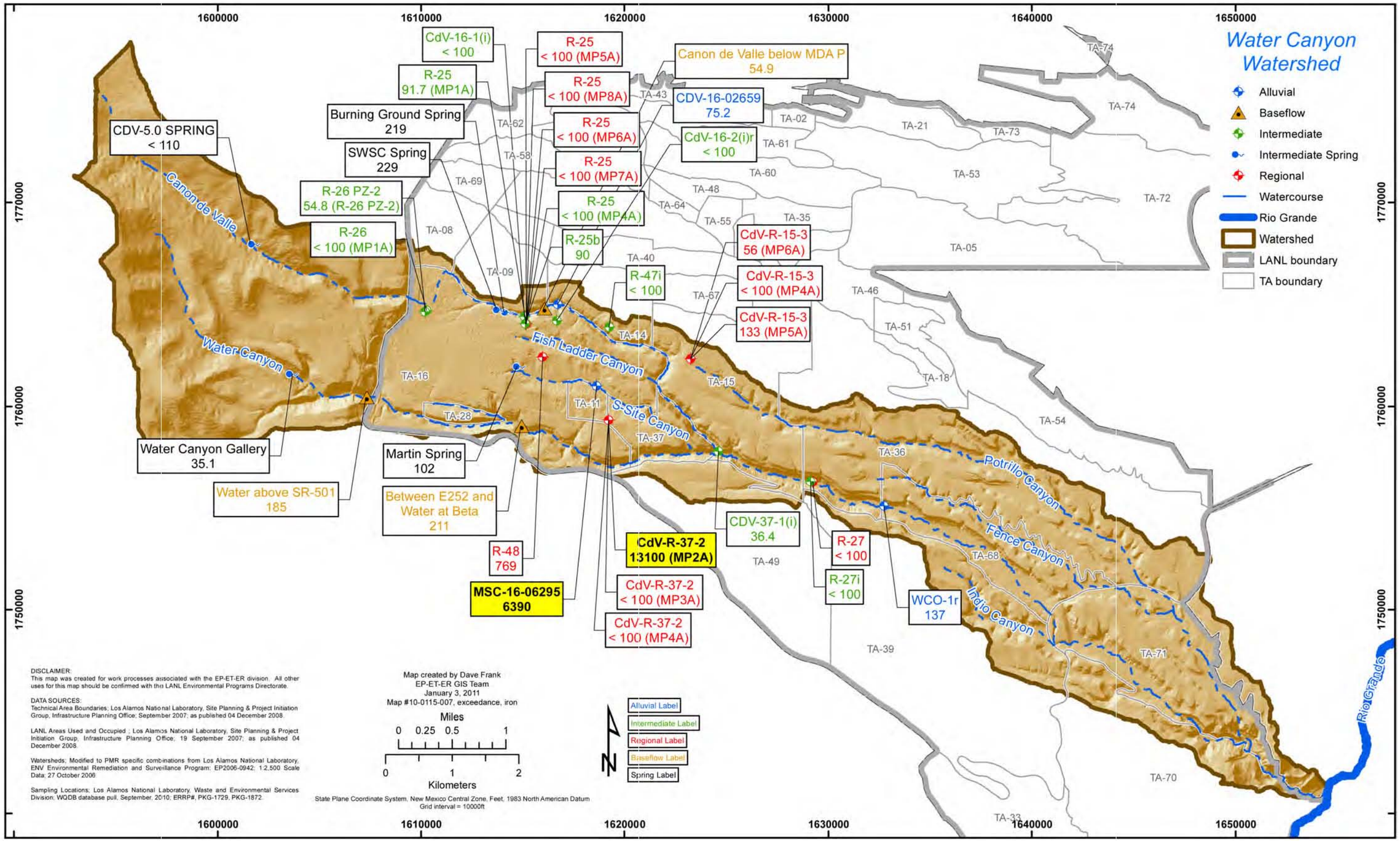


Figure 4.2-1 Watershed filtered iron concentrations in µg/L. The NMWQCC groundwater standard screening level is 1000 µg /L.

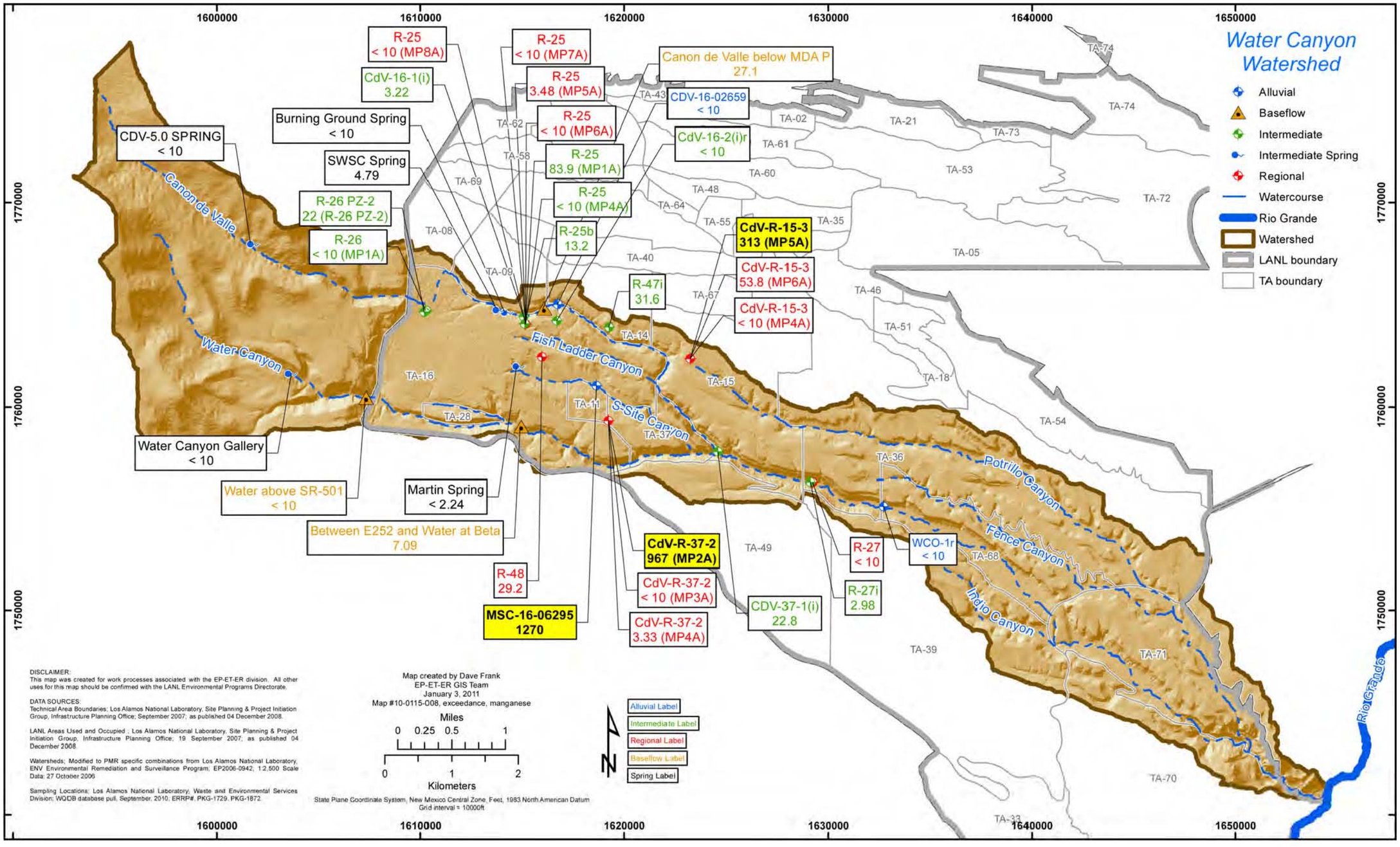


Figure 4.2-2 Watershed filtered manganese concentrations in µg/L. The NMWQCC groundwater standard screening level is 200 µg/L.

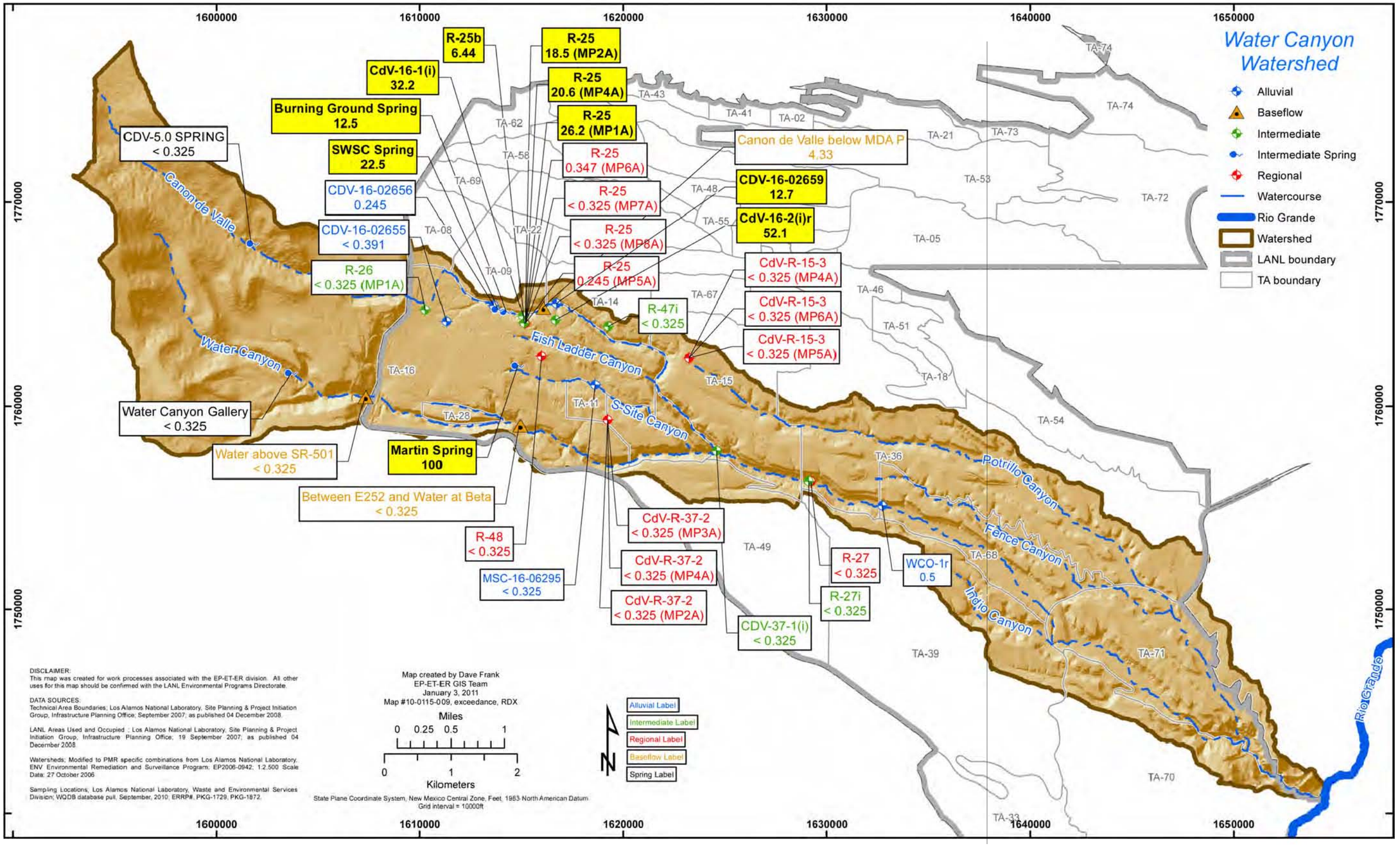


Figure 4.2-3 Watershed unfiltered RDX concentrations in µg/L. The EPA tap water screening level is 6.1 µg/L.

Table 2.0-1
Water Canyon Watershed Monitoring Locations and General Information

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow/ Purge Flow (cfs[a])
Base Flow									
Between E252 and Water at Beta	09/24/10	n/a[b]	n/a	n/a	n/a	n/a	n/a	n/a	0.359
Canon de Valle below MDA P	09/07/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0025
Water above SR-501	09/10/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.03
Water at Beta	09/21/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry[c]
Springs									
Burning Ground Spring	09/10/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.009
CdV-5.0 Spring	09/24/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.005
Fish Ladder Spring	09/22/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry
Martin Spring	09/14/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.002
Peter Spring	09/10/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry
SWSC Spring	09/10/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0007
Water Canyon Gallery	09/10/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.102
Alluvial									
CDV-16-02655	09/09/10	Single	2.3	5	2.3	7.3	1.7	0.8	0.0002
CDV-16-02656	09/17/10	Single	3	5	3	8	1.29	3.5	0.0001
CDV-16-02657	09/17/10	Single	0.4	5	0.4	5.4	1.77	1.1	0.0001
CDV-16-02658	09/09/10	Single	1.9	5	1.9	6.9	2.06	1.8	0.00018
CDV-16-02659	09/09/10	Single	1.7	5	1.7	6.7	1.19	1.5	0.00016
FLC-16-25278	09/22/10	Single	1.6	1.6	1.6	3.2	n/a	n/a	Dry
FLC-16-25279	09/22/10	Single	2.7	1.6	2.7	4.3	n/a	n/a	Dry
FLC-16-25280	09/22/10	Single	2.6	1.6	2.6	4.2	n/a	n/a	Dry
MSC-16-06293	09/10/10	Single	2	5	2	7	n/a	n/a	Dry
MSC-16-06294	09/13/10	Single	2.5	4.8	2.5	7.3	n/a	n/a	Dry
MSC-16-06295	09/14/10	Single	1.5	5	1.5	6.5	2.34	2.3	0.00025

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow/ Purge Flow (cfs[a])
WCO-1r	09/20/10	Single	6	10	6	16	2.0	3.5	0.0002
WCO-2	09/24/10	Single	13.5	10	13.5	23.5	n/a	n/a	Dry
WCO-3r	09/21/10	Single	4.7	5	4.7	9.7	n/a	n/a	Dry
Intermediate									
CdV-16-1(i)	09/13/10	Single	624	10	624	634	67.0	205	0.003
CdV-16-2(i)r	09/07/10	Single	850	9.7	850	859.7	22.1	66.0	0.006
CDV-37-1(i)	09/21/10	Single	632	20.5	632	652.5	26.9	82.0	0.0045
R-25	09/21/10	MP1A	754.8	20.8	737.6	758.4	n/a	n/a	n/a
R-25	09/21/10	MP2A	891.8	10.8	882.6	893.4	n/a	n/a	n/a
R-25	09/21/10	MP4A	1192	10	1184.6	1194.6	n/a	n/a	n/a
R-25b	09/08/10	Single	750	20.8	750	770.8	32.5	110	0.001
R-26	08/13/10	MP1A	659.3	19	643	662	n/a	n/a	n/a
R-26 PZ-2	09/10/10	PZ-2	150	30	150	180	0.5	0.75	n/a
R-27i	09/20/10	Single	619	10	619	629	13.8	48.0	0.001
R-47i	09/23/10	Single	840	20.6	840	860.6	37.2	223	0.001
Regional									
CdV-R-15-3	08/05/10	MP4A	1254	43.8	1235.1	1278.9	n/a	n/a	n/a
CdV-R-15-3	08/04/10	MP5A	1350	6.9	1348.4	1355.3	n/a	n/a	n/a
CdV-R-15-3	08/04/10	MP6A	1640	6.9	1637.9	1644.8	n/a	n/a	n/a
CdV-R-37-2	08/11/10	MP2A	1200	25.1	1188.7	1213.8	n/a	n/a	n/a
CdV-R-37-2	08/10/10	MP3A	1359	23.4	1353.7	1377.1	n/a	n/a	n/a
CdV-R-37-2	08/10/10	MP4A	1551	6.7	1549.3	1556	n/a	n/a	n/a
R-25	09/23/10	MP5A	1303	10	1294.7	1304.7	n/a	n/a	n/a
R-25	09/22/10	MP6A	1406	10	1404.7	1414.7	n/a	n/a	n/a
R-25	09/23/10	MP7A	1606	10	1604.7	1614.7	n/a	n/a	n/a
R-25	09/24/10	MP8A	1796	10	1794.7	1804.7	n/a	n/a	n/a

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow/ Purge Flow (cfs[a])
R-27	09/14/10	Single	852	23	852	875	51.5	155	0.009
R-48	09/22/10	Single	1500	20.6	1500	1520.6	172	515	0.012

[a] cfs = Cubic feet per second.

[b] n/a = Not applicable.

[c] See Table.3.4-1 for explanation.

Table 3.4-1
Water Canyon PME Observations and Deviations

Location	Deviation	Cause	Comment
Between E252 and Water at Beta on 09/24/10	Cancelled some HE[a] and SVOC[b] analyses.	Sample holding times were missed.	This location will be sampled during the next scheduled PME.
Water at Beta on 09/21/10; Fish Ladder Spring on 09/22/10; Peter Spring on 09/10/10; FLC-16-25278 on 09/22/10; FLC-16-25279 on 09/22/10; FLC-16-25280 on 09/22/10; MSC-16-06293 on 09/10/10; MSC-16-06294 on 09/13/10; WCO-2 on 09/24/10; WCO-3r on 09/21/10	No data are included in this report for these locations.	These locations were dry.	These locations will be sampled during the next scheduled PME.
CDV-16-02655 on 09/09/10; CDV-16-02656 on 09/17/10	Limited data are included in this report for these locations.	There was insufficient water for all samples at these locations	These locations will be sampled during the next scheduled PME.
CDV-16-02657 on 09/17/10; CDV-16-02658 on 09/09/10	No data are included in this report for these locations.	These locations were not sampled because there was insufficient water.	These locations will be sampled during the next scheduled PME.
R-26 MP1A; CdV-R-15-3 MP4A, MP5A, MP6A; CdV-R-37-2 MP2A, MP3A, MP4A	Samples were collected in August 2010.	Samples were collected during Westbay reliability assessment 08/03/10−08/13/10.	These locations will be sampled during the next scheduled PME.

[a] HE = High explosives.

[b] SVOC = Semivolatile organic compound.

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
Sources of Screening Levels for Groundwater and Surface Water at Los Alamos National Laboratory

Standard Type	Groundwater	Surface Water
DOE BCGs	n/a[a]	X[b]
DOE 100-mrem Public Dose DCG	X	n/a
DOE 4-mrem Drinking Water DCG	X	n/a
EPA MCL	X	n/a
EPA Regional Tap Water Screening Level	X	n/a
New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
NMWQCC 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
Water Canyon Watershed Results above Screening Levels for Surface Water and Groundwater

Location	Date	Analyte	Field Preparation	Result	Unit	Screening-Level Value	Screening-Level Source
Surface Water							
Between E252 and Water at Beta	09/24/10	Aluminum	F[a]	366	µg/L	87	NM Aquatic Life Chronic
Canon de Valle below MDA P	09/07/10	Benzo(a)anthracene	UF[b]	0.25	µg/L	0.18	NM Human Health
Alluvial Groundwater							
CDV-16-02659	09/09/10	Barium	F	6740	µg/L	1000	NM GW STD
MSC-16-06295	09/14/10	Iron	F	6390	µg/L	1000	NM GW STD
MSC-16-06295	09/14/10	Manganese	F	1270	µg/L	200	NM GW STD
CDV-16-02659	09/09/10	RDX	UF	12.7	µg/L	6.1	EPA TAP SCRN LVL
Intermediate Groundwater							
R-25	09/21/10	Uranium	F	43.7	µg/L	30	NM GW STD
Martin Spring	09/14/10	Boron	F	1440	µg/L	750	NM GW STD
R-26 PZ-2	09/10/10	Chromium	UF	117	µg/L	100	EPA MCL
R-25	09/21/10	Nickel	F	454	µg/L	200	NM GW STD
SWSC Spring	09/10/10	RDX	UF	22.5	µg/L	6.1	EPA TAP SCRN LVL
Burning Ground Spring	09/10/10	RDX	UF	12.5	µg/L	6.1	EPA TAP SCRN LVL
Martin Spring	09/14/10	RDX	UF	100	µg/L	6.1	EPA TAP SCRN LVL
R-25b	09/08/10	RDX	UF	6.44	µg/L	6.1	EPA TAP SCRN LVL
R-25	09/21/10	RDX	UF	26.2	µg/L	6.1	EPA TAP SCRN LVL
R-25	09/21/10	RDX	UF	18.5	µg/L	6.1	EPA TAP SCRN LVL
R-25	09/21/10	RDX	UF	20.6	µg/L	6.1	EPA TAP SCRN LVL
CdV-16-1(i)	09/13/10	RDX	UF	32.2	µg/L	6.1	EPA TAP SCRN LVL
CdV-16-2(i)r	09/07/10	RDX	UF	52.1	µg/L	6.1	EPA TAP SCRN LVL

Table 4.2-2 (continued)

Location	Date	Analyte	Field Preparation	Result	Unit	Screening-Level Value	Screening-Level Source
Regional Aquifer							
CdV-R-15-3	08/04/10	Manganese	F	313	µg/L	200	NM GW STD
CdV-R-37-2	08/11/10	Iron	F	13100	µg/L	1000	NM GW STD
CdV-R-37-2	08/11/10	Manganese	F	967	µg/L	200	NM GW STD
R-27	09/14/10	Indeno(1,2,3-cd)pyrene	UF	0.4	µg/L	0.29	EPA TAP SCRN LVL

[a] F = Filtered.

[b] UF = Unfiltered.

Appendix A

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

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Between E252 and Water at Beta	—[a]	—	09/24/10	WS[b]	Dissolved Oxygen	7.8	mg/L	CAWA-10-25688
Between E252 and Water at Beta	—	—	04/02/10	WS	Dissolved Oxygen	10.15	mg/L	CAWA-10-14938
Between E252 and Water at Beta	—	—	10/20/09	WS	Dissolved Oxygen	9.9	mg/L	CAWA-09-13682
Between E252 and Water at Beta	—	—	04/10/09	WS	Dissolved Oxygen	10.07	mg/L	CAWA-09-5511
Between E252 and Water at Beta	—	—	10/24/08	WS	Dissolved Oxygen	9.34	mg/L	CAWA-08-15933
Between E252 and Water at Beta	—	—	09/24/10	WS	Specific Conductance	177	µS/cm[c]	CAWA-10-25688
Between E252 and Water at Beta	—	—	04/02/10	WS	Specific Conductance	172	µS/cm	CAWA-10-14938
Between E252 and Water at Beta	—	—	10/20/09	WS	Specific Conductance	179	µS/cm	CAWA-09-13682
Between E252 and Water at Beta	—	—	04/10/09	WS	Specific Conductance	103	µS/cm	CAWA-09-5511
Between E252 and Water at Beta	—	—	10/24/08	WS	Specific Conductance	154.5	µS/cm	CAWA-08-15933
Between E252 and Water at Beta	—	—	09/24/10	WS	Temperature	14.45	deg C	CAWA-10-25688
Between E252 and Water at Beta	—	—	04/02/10	WS	Temperature	3.96	deg C	CAWA-10-14938
Between E252 and Water at Beta	—	—	10/20/09	WS	Temperature	10.53	deg C	CAWA-09-13682
Between E252 and Water at Beta	—	—	04/10/09	WS	Temperature	6.37	deg C	CAWA-09-5511
Between E252 and Water at Beta	—	—	10/24/08	WS	Temperature	7.4	deg C	CAWA-08-15933
Between E252 and Water at Beta	—	—	09/24/10	WS	Turbidity	7.21	NTU[d]	CAWA-10-25688
Between E252 and Water at Beta	—	—	04/02/10	WS	Turbidity	22.7	NTU	CAWA-10-14938
Between E252 and Water at Beta	—	—	10/20/09	WS	Turbidity	4.84	NTU	CAWA-09-13682
Between E252 and Water at Beta	—	—	04/10/09	WS	Turbidity	9.57	NTU	CAWA-09-5511
Between E252 and Water at Beta	—	—	10/24/08	WS	Turbidity	4.9	NTU	CAWA-08-15933
Between E252 and Water at Beta	—	—	09/24/10	WS	pH	7.94	SU[e]	CAWA-10-25688
Between E252 and Water at Beta	—	—	04/02/10	WS	pH	6.93	SU	CAWA-10-14938
Between E252 and Water at Beta	—	—	10/20/09	WS	pH	7.36	SU	CAWA-09-13682
Between E252 and Water at Beta	—	—	04/10/09	WS	pH	6.09	SU	CAWA-09-5511
Between E252 and Water at Beta	—	—	10/24/08	WS	pH	7.67	SU	CAWA-08-15933
Burning Ground Spring	—	—	09/10/10	WG[f]	Dissolved Oxygen	8.12	mg/L	CAWA-10-25704
Burning Ground Spring	—	—	04/09/10	WG	Dissolved Oxygen	8.25	mg/L	CAWA-10-14972
Burning Ground Spring	—	—	10/15/09	WG	Dissolved Oxygen	9.33	mg/L	CAWA-09-13703

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Burning Ground Spring	—	—	03/24/09	WG	Dissolved Oxygen	7.85	mg/L	CAWA-09-5533
Burning Ground Spring	—	—	10/07/08	WG	Dissolved Oxygen	7.42	mg/L	CAWA-08-15956
Burning Ground Spring	—	—	09/10/10	WG	Specific Conductance	199	µS/cm	CAWA-10-25704
Burning Ground Spring	—	—	04/09/10	WG	Specific Conductance	286	µS/cm	CAWA-10-14972
Burning Ground Spring	—	—	10/15/09	WG	Specific Conductance	218	µS/cm	CAWA-09-13703
Burning Ground Spring	—	—	03/24/09	WG	Specific Conductance	168	µS/cm	CAWA-09-5533
Burning Ground Spring	—	—	09/10/10	WG	Temperature	10.69	deg C	CAWA-10-25704
Burning Ground Spring	—	—	04/09/10	WG	Temperature	10.48	deg C	CAWA-10-14972
Burning Ground Spring	—	—	10/15/09	WG	Temperature	10.4	deg C	CAWA-09-13703
Burning Ground Spring	—	—	03/24/09	WG	Temperature	10.92	deg C	CAWA-09-5533
Burning Ground Spring	—	—	10/07/08	WG	Temperature	11	deg C	CAWA-08-15956
Burning Ground Spring	—	—	09/10/10	WG	Turbidity	4.22	NTU	CAWA-10-25704
Burning Ground Spring	—	—	04/09/10	WG	Turbidity	19.7	NTU	CAWA-10-14972
Burning Ground Spring	—	—	10/15/09	WG	Turbidity	3.84	NTU	CAWA-09-13703
Burning Ground Spring	—	—	03/24/09	WG	Turbidity	2.88	NTU	CAWA-09-5533
Burning Ground Spring	—	—	10/07/08	WG	Turbidity	3.46	NTU	CAWA-08-15956
Burning Ground Spring	—	—	09/10/10	WG	pH	7.05	SU	CAWA-10-25704
Burning Ground Spring	—	—	04/09/10	WG	pH	6.56	SU	CAWA-10-14972
Burning Ground Spring	—	—	10/15/09	WG	pH	7.16	SU	CAWA-09-13703
Burning Ground Spring	—	—	03/24/09	WG	pH	6.84	SU	CAWA-09-5533
CDV-16-02655	5901	2.3	09/09/10	WG	Dissolved Oxygen	4.16	mg/L	CAWA-10-25728
CDV-16-02655	5901	2.3	04/13/10	WG	Dissolved Oxygen	7.02	mg/L	CAWA-10-15291
CDV-16-02655	5901	2.3	04/01/09	WG	Dissolved Oxygen	6.82	mg/L	CAWA-09-5563
CDV-16-02655	5901	2.3	03/31/08	WG	Dissolved Oxygen	2.79	mg/L	CAWA-08-11623
CDV-16-02655	5901	2.3	05/09/07	WG	Dissolved Oxygen	7.89	mg/L	FU07050CDV5501
CDV-16-02655	5901	2.3	09/09/10	WG	Oxidation Reduction Potential	381.2	mV[g]	CAWA-10-25728
CDV-16-02655	5901	2.3	04/13/10	WG	Oxidation Reduction Potential	150.4	mV	CAWA-10-15291
CDV-16-02655	5901	2.3	04/01/09	WG	Oxidation Reduction Potential	376.6	mV	CAWA-09-5563

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02655	5901	2.3	03/31/08	WG	Oxidation Reduction Potential	289	mV	CAWA-08-11623
CDV-16-02655	5901	2.3	05/09/07	WG	Oxidation Reduction Potential	393	mV	FU07050CDV5501
CDV-16-02655	5901	2.3	09/09/10	WG	Specific Conductance	661	µS/cm	CAWA-10-25728
CDV-16-02655	5901	2.3	04/13/10	WG	Specific Conductance	463	µS/cm	CAWA-10-15291
CDV-16-02655	5901	2.3	04/01/09	WG	Specific Conductance	468	µS/cm	CAWA-09-5563
CDV-16-02655	5901	2.3	03/31/08	WG	Specific Conductance	693	µS/cm	CAWA-08-11623
CDV-16-02655	5901	2.3	09/09/10	WG	Temperature	16.16	deg C	CAWA-10-25728
CDV-16-02655	5901	2.3	04/13/10	WG	Temperature	5.37	deg C	CAWA-10-15291
CDV-16-02655	5901	2.3	04/01/09	WG	Temperature	6.23	deg C	CAWA-09-5563
CDV-16-02655	5901	2.3	03/31/08	WG	Temperature	5.8	deg C	CAWA-08-11623
CDV-16-02655	5901	2.3	05/09/07	WG	Temperature	9.3	deg C	FU07050CDV5501
CDV-16-02655	5901	2.3	09/09/10	WG	Turbidity	57.1	NTU	CAWA-10-25728
CDV-16-02655	5901	2.3	04/13/10	WG	Turbidity	212	NTU	CAWA-10-15291
CDV-16-02655	5901	2.3	04/01/09	WG	Turbidity	65.5	NTU	CAWA-09-5563
CDV-16-02655	5901	2.3	03/31/08	WG	Turbidity	104	NTU	CAWA-08-11623
CDV-16-02655	5901	2.3	05/09/07	WG	Turbidity	45.3	NTU	FU07050CDV5501
CDV-16-02655	5901	2.3	09/09/10	WG	pH	6.05	SU	CAWA-10-25728
CDV-16-02655	5901	2.3	04/13/10	WG	pH	6.58	SU	CAWA-10-15291
CDV-16-02655	5901	2.3	04/01/09	WG	pH	7.02	SU	CAWA-09-5563
CDV-16-02655	5901	2.3	03/31/08	WG	pH	6.73	SU	CAWA-08-11623
CDV-16-02656	5911	3	09/17/10	WG	Dissolved Oxygen	1.62	mg/L	CAWA-10-25732
CDV-16-02656	5911	3	04/16/10	WG	Dissolved Oxygen	2.39	mg/L	CAWA-10-15277
CDV-16-02656	5911	3	10/09/09	WG	Dissolved Oxygen	2.56	mg/L	CAWA-09-13776
CDV-16-02656	5911	3	10/07/08	WG	Dissolved Oxygen	3.7	mg/L	CAWA-08-15975
CDV-16-02656	5911	3	04/01/08	WG	Dissolved Oxygen	3.62	mg/L	CAWA-08-11587
CDV-16-02656	5911	3	09/17/10	WG	Oxidation Reduction Potential	300	mV	CAWA-10-25732
CDV-16-02656	5911	3	04/16/10	WG	Oxidation Reduction Potential	396.4	mV	CAWA-10-15277
CDV-16-02656	5911	3	10/09/09	WG	Oxidation Reduction Potential	325.4	mV	CAWA-09-13776

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02656	5911	3	10/07/08	WG	Oxidation Reduction Potential	434	mV	CAWA-08-15975
CDV-16-02656	5911	3	04/01/08	WG	Oxidation Reduction Potential	417	mV	CAWA-08-11587
CDV-16-02656	5911	3	09/17/10	WG	Specific Conductance	197	µS/cm	CAWA-10-25732
CDV-16-02656	5911	3	04/16/10	WG	Specific Conductance	257	µS/cm	CAWA-10-15277
CDV-16-02656	5911	3	10/09/09	WG	Specific Conductance	217	µS/cm	CAWA-09-13776
CDV-16-02656	5911	3	10/07/08	WG	Specific Conductance	211	µS/cm	CAWA-08-15975
CDV-16-02656	5911	3	09/17/10	WG	Temperature	14.76	deg C	CAWA-10-25732
CDV-16-02656	5911	3	04/16/10	WG	Temperature	6.61	deg C	CAWA-10-15277
CDV-16-02656	5911	3	10/09/09	WG	Temperature	11.13	deg C	CAWA-09-13776
CDV-16-02656	5911	3	10/07/08	WG	Temperature	13.5	deg C	CAWA-08-15975
CDV-16-02656	5911	3	04/01/08	WG	Temperature	6	deg C	CAWA-08-11587
CDV-16-02656	5911	3	09/17/10	WG	Turbidity	9.58	NTU	CAWA-10-25732
CDV-16-02656	5911	3	04/16/10	WG	Turbidity	11.5	NTU	CAWA-10-15277
CDV-16-02656	5911	3	10/09/09	WG	Turbidity	7.35	NTU	CAWA-09-13776
CDV-16-02656	5911	3	10/07/08	WG	Turbidity	8.64	NTU	CAWA-08-15975
CDV-16-02656	5911	3	04/01/08	WG	Turbidity	9.41	NTU	CAWA-08-11587
CDV-16-02656	5911	3	09/17/10	WG	pH	5.91	SU	CAWA-10-25732
CDV-16-02656	5911	3	04/16/10	WG	pH	4.83	SU	CAWA-10-15277
CDV-16-02656	5911	3	10/09/09	WG	pH	6.12	SU	CAWA-09-13776
CDV-16-02656	5911	3	10/07/08	WG	pH	6.6	SU	CAWA-08-15975
CDV-16-02659	5941	1.7	09/09/10	WG	Dissolved Oxygen	4.91	mg/L	CAWA-10-25738
CDV-16-02659	5941	1.7	04/12/10	WG	Dissolved Oxygen	4.45	mg/L	CAWA-10-15282
CDV-16-02659	5941	1.7	10/07/09	WG	Dissolved Oxygen	6.43	mg/L	CAWA-09-13798
CDV-16-02659	5941	1.7	03/26/09	WG	Dissolved Oxygen	8.29	mg/L	CAWA-09-5554
CDV-16-02659	5941	1.7	10/08/08	WG	Dissolved Oxygen	5.6	mg/L	CAWA-08-15985
CDV-16-02659	5941	1.7	09/09/10	WG	Specific Conductance	230	µS/cm	CAWA-10-25738
CDV-16-02659	5941	1.7	04/12/10	WG	Specific Conductance	234	µS/cm	CAWA-10-15282
CDV-16-02659	5941	1.7	10/07/09	WG	Specific Conductance	254	µS/cm	CAWA-09-13798

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02659	5941	1.7	03/26/09	WG	Specific Conductance	399	µS/cm	CAWA-09-5554
CDV-16-02659	5941	1.7	09/09/10	WG	Temperature	13.79	deg C	CAWA-10-25738
CDV-16-02659	5941	1.7	04/12/10	WG	Temperature	4.89	deg C	CAWA-10-15282
CDV-16-02659	5941	1.7	10/07/09	WG	Temperature	10.54	deg C	CAWA-09-13798
CDV-16-02659	5941	1.7	03/26/09	WG	Temperature	5.2	deg C	CAWA-09-5554
CDV-16-02659	5941	1.7	10/08/08	WG	Temperature	13.4	deg C	CAWA-08-15985
CDV-16-02659	5941	1.7	09/09/10	WG	Turbidity	1.71	NTU	CAWA-10-25738
CDV-16-02659	5941	1.7	04/12/10	WG	Turbidity	4.32	NTU	CAWA-10-15282
CDV-16-02659	5941	1.7	10/07/09	WG	Turbidity	2.38	NTU	CAWA-09-13798
CDV-16-02659	5941	1.7	03/26/09	WG	Turbidity	2.68	NTU	CAWA-09-5554
CDV-16-02659	5941	1.7	10/08/08	WG	Turbidity	3.29	NTU	CAWA-08-15985
CDV-16-02659	5941	1.7	09/09/10	WG	pH	5.84	SU	CAWA-10-25738
CDV-16-02659	5941	1.7	04/12/10	WG	pH	5.23	SU	CAWA-10-15282
CDV-16-02659	5941	1.7	10/07/09	WG	pH	5.83	SU	CAWA-09-13798
CDV-16-02659	5941	1.7	03/26/09	WG	pH	6.46	SU	CAWA-09-5554
CDV-37-1(i)	8931	632	09/21/10	WG	Dissolved Oxygen	7.73	mg/L	CAWA-10-25902
CDV-37-1(i)	8931	632	04/01/10	WG	Dissolved Oxygen	6.79	mg/L	CAWA-10-15170
CDV-37-1(i)	8931	632	02/08/10	WG	Dissolved Oxygen	8.73	mg/L	CAWA-10-11283
CDV-37-1(i)	8931	632	09/21/10	WG	Oxidation Reduction Potential	78.3	mV	CAWA-10-25902
CDV-37-1(i)	8931	632	04/01/10	WG	Oxidation Reduction Potential	37.4	mV	CAWA-10-15170
CDV-37-1(i)	8931	632	02/08/10	WG	Oxidation Reduction Potential	466.9	mV	CAWA-10-11283
CDV-37-1(i)	8931	632	09/21/10	WG	Specific Conductance	129	µS/cm	CAWA-10-25902
CDV-37-1(i)	8931	632	04/01/10	WG	Specific Conductance	129	µS/cm	CAWA-10-15170
CDV-37-1(i)	8931	632	02/08/10	WG	Specific Conductance	122	µS/cm	CAWA-10-11283
CDV-37-1(i)	8931	632	09/21/10	WG	Temperature	13.61	deg C	CAWA-10-25902
CDV-37-1(i)	8931	632	04/01/10	WG	Temperature	10.88	deg C	CAWA-10-15170
CDV-37-1(i)	8931	632	02/08/10	WG	Temperature	12.68	deg C	CAWA-10-11283
CDV-37-1(i)	8931	632	09/21/10	WG	Turbidity	5.14	NTU	CAWA-10-25902

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-37-1(i)	8931	632	04/01/10	WG	Turbidity	8.54	NTU	CAWA-10-15170
CDV-37-1(i)	8931	632	02/08/10	WG	Turbidity	54.9	NTU	CAWA-10-11283
CDV-37-1(i)	8931	632	09/21/10	WG	pH	6.57	SU	CAWA-10-25902
CDV-37-1(i)	8931	632	04/01/10	WG	pH	6.79	SU	CAWA-10-15170
CDV-37-1(i)	8931	632	02/08/10	WG	pH	6.66	SU	CAWA-10-11283
CDV-5.0 SPRING	—	—	09/24/10	WG	Dissolved Oxygen	8.76	mg/L	CAWA-10-25706
CDV-5.0 SPRING	—	—	04/12/10	WG	Dissolved Oxygen	9.06	mg/L	CAWA-10-14950
CDV-5.0 SPRING	—	—	10/19/09	WG	Dissolved Oxygen	8.76	mg/L	CAWA-09-13693
CDV-5.0 SPRING	—	—	03/25/09	WG	Dissolved Oxygen	17.58	mg/L	CAWA-09-5520
CDV-5.0 SPRING	—	—	10/22/08	WG	Dissolved Oxygen	8	mg/L	CAWA-08-15941
CDV-5.0 SPRING	—	—	09/24/10	WG	Specific Conductance	121	µS/cm	CAWA-10-25706
CDV-5.0 SPRING	—	—	04/12/10	WG	Specific Conductance	113	µS/cm	CAWA-10-14950
CDV-5.0 SPRING	—	—	10/19/09	WG	Specific Conductance	112	µS/cm	CAWA-09-13693
CDV-5.0 SPRING	—	—	03/25/09	WG	Specific Conductance	92	µS/cm	CAWA-09-5520
CDV-5.0 SPRING	—	—	10/22/08	WG	Specific Conductance	114.4	µS/cm	CAWA-08-15941
CDV-5.0 SPRING	—	—	09/24/10	WG	Temperature	9.51	deg C	CAWA-10-25706
CDV-5.0 SPRING	—	—	04/12/10	WG	Temperature	8.78	deg C	CAWA-10-14950
CDV-5.0 SPRING	—	—	10/19/09	WG	Temperature	12.07	deg C	CAWA-09-13693
CDV-5.0 SPRING	—	—	03/25/09	WG	Temperature	12.48	deg C	CAWA-09-5520
CDV-5.0 SPRING	—	—	10/22/08	WG	Temperature	7.8	deg C	CAWA-08-15941
CDV-5.0 SPRING	—	—	09/24/10	WG	Turbidity	2.82	NTU	CAWA-10-25706
CDV-5.0 SPRING	—	—	04/12/10	WG	Turbidity	30.7	NTU	CAWA-10-14950
CDV-5.0 SPRING	—	—	10/19/09	WG	Turbidity	12	NTU	CAWA-09-13693
CDV-5.0 SPRING	—	—	10/22/08	WG	Turbidity	2.81	NTU	CAWA-08-15941
CDV-5.0 SPRING	—	—	07/11/05	WG	Turbidity	4.9	NTU	FU0507G5VDC01
CDV-5.0 SPRING	—	—	09/24/10	WG	pH	7.74	SU	CAWA-10-25706
CDV-5.0 SPRING	—	—	04/12/10	WG	pH	6.92	SU	CAWA-10-14950
CDV-5.0 SPRING	—	—	10/19/09	WG	pH	7.79	SU	CAWA-09-13693

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-5.0 SPRING	—	—	03/25/09	WG	pH	7.85	SU	CAWA-09-5520
CDV-5.0 SPRING	—	—	10/22/08	WG	pH	7.28	SU	CAWA-08-15941
Canon de Valle below MDA P	—	—	09/07/10	WS	Dissolved Oxygen	7.21	mg/L	CAWA-10-25692
Canon de Valle below MDA P	—	—	04/14/10	WS	Dissolved Oxygen	10.82	mg/L	CAWA-10-14935
Canon de Valle below MDA P	—	—	10/15/09	WS	Dissolved Oxygen	8.8	mg/L	CAWA-09-13680
Canon de Valle below MDA P	—	—	03/24/09	WS	Dissolved Oxygen	18.47	mg/L	CAWA-09-5508
Canon de Valle below MDA P	—	—	10/07/08	WS	Dissolved Oxygen	7.3	mg/L	CAWA-08-15928
Canon de Valle below MDA P	—	—	09/07/10	WS	Specific Conductance	197	µS/cm	CAWA-10-25692
Canon de Valle below MDA P	—	—	04/14/10	WS	Specific Conductance	272	µS/cm	CAWA-10-14935
Canon de Valle below MDA P	—	—	10/15/09	WS	Specific Conductance	252	µS/cm	CAWA-09-13680
Canon de Valle below MDA P	—	—	03/24/09	WS	Specific Conductance	153	µS/cm	CAWA-09-5508
Canon de Valle below MDA P	—	—	10/07/08	WS	Specific Conductance	210	µS/cm	CAWA-08-15928
Canon de Valle below MDA P	—	—	09/07/10	WS	Temperature	11.66	deg C	CAWA-10-25692
Canon de Valle below MDA P	—	—	04/14/10	WS	Temperature	10.04	deg C	CAWA-10-14935
Canon de Valle below MDA P	—	—	10/15/09	WS	Temperature	6.77	deg C	CAWA-09-13680
Canon de Valle below MDA P	—	—	03/24/09	WS	Temperature	7.18	deg C	CAWA-09-5508
Canon de Valle below MDA P	—	—	10/07/08	WS	Temperature	12.1	deg C	CAWA-08-15928
Canon de Valle below MDA P	—	—	09/07/10	WS	Turbidity	2.46	NTU	CAWA-10-25692
Canon de Valle below MDA P	—	—	04/14/10	WS	Turbidity	9.92	NTU	CAWA-10-14935
Canon de Valle below MDA P	—	—	10/15/09	WS	Turbidity	19.7	NTU	CAWA-09-13680
Canon de Valle below MDA P	—	—	03/24/09	WS	Turbidity	3.87	NTU	CAWA-09-5508
Canon de Valle below MDA P	—	—	10/07/08	WS	Turbidity	2.96	NTU	CAWA-08-15928
Canon de Valle below MDA P	—	—	09/07/10	WS	pH	6.47	SU	CAWA-10-25692
Canon de Valle below MDA P	—	—	04/14/10	WS	pH	7.29	SU	CAWA-10-14935
Canon de Valle below MDA P	—	—	10/15/09	WS	pH	7.4	SU	CAWA-09-13680
Canon de Valle below MDA P	—	—	03/24/09	WS	pH	7.36	SU	CAWA-09-5508
Canon de Valle below MDA P	—	—	10/07/08	WS	pH	8.47	SU	CAWA-08-15928
CdV-16-1(i)	5421	624	09/13/10	WG	Dissolved Oxygen	5.47	mg/L	CAWA-10-25807

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	5421	624	04/16/10	WG	Dissolved Oxygen	5.24	mg/L	CAWA-10-15148
CdV-16-1(i)	5421	624	10/14/09	WG	Dissolved Oxygen	5.28	mg/L	CAWA-09-14137
CdV-16-1(i)	5421	624	04/08/09	WG	Dissolved Oxygen	4.25	mg/L	CAWA-09-5600
CdV-16-1(i)	5421	624	10/20/08	WG	Dissolved Oxygen	4.53	mg/L	CAWA-08-16020
CdV-16-1(i)	5421	624	09/13/10	WG	Oxidation Reduction Potential	131.5	mV	CAWA-10-25807
CdV-16-1(i)	5421	624	04/16/10	WG	Oxidation Reduction Potential	133	mV	CAWA-10-15148
CdV-16-1(i)	5421	624	10/14/09	WG	Oxidation Reduction Potential	209.2	mV	CAWA-09-14137
CdV-16-1(i)	5421	624	04/08/09	WG	Oxidation Reduction Potential	173	mV	CAWA-09-5600
CdV-16-1(i)	5421	624	10/20/08	WG	Oxidation Reduction Potential	203	mV	CAWA-08-16020
CdV-16-1(i)	5421	624	09/13/10	WG	Specific Conductance	172	µS/cm	CAWA-10-25807
CdV-16-1(i)	5421	624	04/16/10	WG	Specific Conductance	165	µS/cm	CAWA-10-15148
CdV-16-1(i)	5421	624	10/14/09	WG	Specific Conductance	165	µS/cm	CAWA-09-14137
CdV-16-1(i)	5421	624	04/08/09	WG	Specific Conductance	126.6	µS/cm	CAWA-09-5600
CdV-16-1(i)	5421	624	10/20/08	WG	Specific Conductance	143	µS/cm	CAWA-08-16020
CdV-16-1(i)	5421	624	09/13/10	WG	Temperature	13.76	deg C	CAWA-10-25807
CdV-16-1(i)	5421	624	04/16/10	WG	Temperature	13.32	deg C	CAWA-10-15148
CdV-16-1(i)	5421	624	10/14/09	WG	Temperature	13.32	deg C	CAWA-09-14137
CdV-16-1(i)	5421	624	04/08/09	WG	Temperature	14.5	deg C	CAWA-09-5600
CdV-16-1(i)	5421	624	10/20/08	WG	Temperature	14.1	deg C	CAWA-08-16020
CdV-16-1(i)	5421	624	09/13/10	WG	Turbidity	0.59	NTU	CAWA-10-25807
CdV-16-1(i)	5421	624	04/16/10	WG	Turbidity	0.93	NTU	CAWA-10-15148
CdV-16-1(i)	5421	624	10/14/09	WG	Turbidity	2.13	NTU	CAWA-09-14137
CdV-16-1(i)	5421	624	04/08/09	WG	Turbidity	0.41	NTU	CAWA-09-5600
CdV-16-1(i)	5421	624	10/20/08	WG	Turbidity	2	NTU	CAWA-08-16020
CdV-16-1(i)	5421	624	09/13/10	WG	pH	6.57	SU	CAWA-10-25807
CdV-16-1(i)	5421	624	04/16/10	WG	pH	6.42	SU	CAWA-10-15148
CdV-16-1(i)	5421	624	10/14/09	WG	pH	6.3	SU	CAWA-09-14137
CdV-16-1(i)	5421	624	04/08/09	WG	pH	6.71	SU	CAWA-09-5600

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	5421	624	10/20/08	WG	pH	6.8	SU	CAWA-08-16020
CdV-16-2(i)r	6431	850	09/07/10	WG	Dissolved Oxygen	6.55	mg/L	CAWA-10-25779
CdV-16-2(i)r	6431	850	04/01/10	WG	Dissolved Oxygen	8.13	mg/L	CAWA-10-15154
CdV-16-2(i)r	6431	850	10/08/09	WG	Dissolved Oxygen	6.6	mg/L	CAWA-09-14145
CdV-16-2(i)r	6431	850	03/31/09	WG	Dissolved Oxygen	6.64	mg/L	CAWA-09-5603
CdV-16-2(i)r	6431	850	10/21/08	WG	Dissolved Oxygen	5.19	mg/L	CAWA-08-16022
CdV-16-2(i)r	6431	850	09/07/10	WG	Oxidation Reduction Potential	165.9	mV	CAWA-10-25779
CdV-16-2(i)r	6431	850	04/01/10	WG	Oxidation Reduction Potential	106.8	mV	CAWA-10-15154
CdV-16-2(i)r	6431	850	10/08/09	WG	Oxidation Reduction Potential	356.2	mV	CAWA-09-14145
CdV-16-2(i)r	6431	850	03/31/09	WG	Oxidation Reduction Potential	61.6	mV	CAWA-09-5603
CdV-16-2(i)r	6431	850	10/21/08	WG	Oxidation Reduction Potential	131	mV	CAWA-08-16022
CdV-16-2(i)r	6431	850	09/07/10	WG	Specific Conductance	111	µS/cm	CAWA-10-25779
CdV-16-2(i)r	6431	850	04/01/10	WG	Specific Conductance	115	µS/cm	CAWA-10-15154
CdV-16-2(i)r	6431	850	10/08/09	WG	Specific Conductance	102	µS/cm	CAWA-09-14145
CdV-16-2(i)r	6431	850	03/31/09	WG	Specific Conductance	85	µS/cm	CAWA-09-5603
CdV-16-2(i)r	6431	850	09/07/10	WG	Temperature	13.17	deg C	CAWA-10-25779
CdV-16-2(i)r	6431	850	04/01/10	WG	Temperature	3.72	deg C	CAWA-10-15154
CdV-16-2(i)r	6431	850	10/08/09	WG	Temperature	12.1	deg C	CAWA-09-14145
CdV-16-2(i)r	6431	850	03/31/09	WG	Temperature	12.31	deg C	CAWA-09-5603
CdV-16-2(i)r	6431	850	10/21/08	WG	Temperature	15.5	deg C	CAWA-08-16022
CdV-16-2(i)r	6431	850	09/07/10	WG	Turbidity	4.67	NTU	CAWA-10-25779
CdV-16-2(i)r	6431	850	04/01/10	WG	Turbidity	2.7	NTU	CAWA-10-15154
CdV-16-2(i)r	6431	850	10/08/09	WG	Turbidity	3.31	NTU	CAWA-09-14145
CdV-16-2(i)r	6431	850	03/31/09	WG	Turbidity	41.2	NTU	CAWA-09-5603
CdV-16-2(i)r	6431	850	10/21/08	WG	Turbidity	11.5	NTU	CAWA-08-16022
CdV-16-2(i)r	6431	850	09/07/10	WG	pH	6.28	SU	CAWA-10-25779
CdV-16-2(i)r	6431	850	04/01/10	WG	pH	6.79	SU	CAWA-10-15154
CdV-16-2(i)r	6431	850	10/08/09	WG	pH	6.72	SU	CAWA-09-14145

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-2(i)r	6431	850	03/31/09	WG	pH	6.94	SU	CAWA-09-5603
CdV-R-15-3	1942	1254.4	10/09/08	WG	Dissolved Oxygen	4.65	mg/L	CAWA-08-16066
CdV-R-15-3	1942	1254.4	08/05/10	WG	Dissolved Oxygen	6.86	mg/L	CAWA-10-24741
CdV-R-15-3	1942	1254.4	04/12/10	WG	Dissolved Oxygen	4.59	mg/L	CAWA-10-15181
CdV-R-15-3	1942	1254.4	10/07/09	WG	Dissolved Oxygen	5.63	mg/L	CAWA-09-14149
CdV-R-15-3	1942	1254.4	03/30/09	WG	Dissolved Oxygen	5.83	mg/L	CAWA-09-5633
CdV-R-15-3	1942	1254.4	08/05/10	WG	Specific Conductance	120	µS/cm	CAWA-10-24741
CdV-R-15-3	1942	1254.4	04/12/10	WG	Specific Conductance	106	µS/cm	CAWA-10-15181
CdV-R-15-3	1942	1254.4	10/07/09	WG	Specific Conductance	112	µS/cm	CAWA-09-14149
CdV-R-15-3	1942	1254.4	10/09/08	WG	Temperature	19.2	deg C	CAWA-08-16066
CdV-R-15-3	1942	1254.4	08/05/10	WG	Temperature	18.97	deg C	CAWA-10-24741
CdV-R-15-3	1942	1254.4	04/12/10	WG	Temperature	16.22	deg C	CAWA-10-15181
CdV-R-15-3	1942	1254.4	10/07/09	WG	Temperature	18.44	deg C	CAWA-09-14149
CdV-R-15-3	1942	1254.4	03/30/09	WG	Temperature	12.73	deg C	CAWA-09-5633
CdV-R-15-3	1942	1254.4	10/09/08	WG	Turbidity	0.42	NTU	CAWA-08-16066
CdV-R-15-3	1942	1254.4	08/05/10	WG	Turbidity	0.99	NTU	CAWA-10-24741
CdV-R-15-3	1942	1254.4	04/12/10	WG	Turbidity	2.15	NTU	CAWA-10-15181
CdV-R-15-3	1942	1254.4	10/07/09	WG	Turbidity	0.43	NTU	CAWA-09-14149
CdV-R-15-3	1942	1254.4	03/30/09	WG	Turbidity	0.56	NTU	CAWA-09-5633
CdV-R-15-3	1942	1254.4	08/05/10	WG	pH	8.06	SU	CAWA-10-24741
CdV-R-15-3	1942	1254.4	04/12/10	WG	pH	8.13	SU	CAWA-10-15181
CdV-R-15-3	1942	1254.4	10/07/09	WG	pH	7.51	SU	CAWA-09-14149
CdV-R-15-3	2012	1350.1	08/04/10	WG	Dissolved Oxygen	3.32	mg/L	CAWA-10-24756
CdV-R-15-3	2012	1350.1	04/12/10	WG	Dissolved Oxygen	4.39	mg/L	CAWA-10-15233
CdV-R-15-3	2012	1350.1	10/07/09	WG	Dissolved Oxygen	3.53	mg/L	CAWA-09-14203
CdV-R-15-3	2012	1350.1	03/31/09	WG	Dissolved Oxygen	4.11	mg/L	CAWA-09-5673
CdV-R-15-3	2012	1350.1	10/14/08	WG	Dissolved Oxygen	2.94	mg/L	CAWA-08-16095
CdV-R-15-3	2012	1350.1	08/04/10	WG	Specific Conductance	145	µS/cm	CAWA-10-24756

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-15-3	2012	1350.1	04/12/10	WG	Specific Conductance	142	µS/cm	CAWA-10-15233
CdV-R-15-3	2012	1350.1	10/07/09	WG	Specific Conductance	153	µS/cm	CAWA-09-14203
CdV-R-15-3	2012	1350.1	03/31/09	WG	Specific Conductance	105	µS/cm	CAWA-09-5673
CdV-R-15-3	2012	1350.1	10/14/08	WG	Specific Conductance	126.5	µS/cm	CAWA-08-16095
CdV-R-15-3	2012	1350.1	08/04/10	WG	Temperature	22.13	deg C	CAWA-10-24756
CdV-R-15-3	2012	1350.1	04/12/10	WG	Temperature	16.95	deg C	CAWA-10-15233
CdV-R-15-3	2012	1350.1	10/07/09	WG	Temperature	18.55	deg C	CAWA-09-14203
CdV-R-15-3	2012	1350.1	03/31/09	WG	Temperature	15.55	deg C	CAWA-09-5673
CdV-R-15-3	2012	1350.1	10/14/08	WG	Temperature	16.2	deg C	CAWA-08-16095
CdV-R-15-3	2012	1350.1	08/04/10	WG	Turbidity	1.39	NTU	CAWA-10-24756
CdV-R-15-3	2012	1350.1	04/12/10	WG	Turbidity	2.15	NTU	CAWA-10-15233
CdV-R-15-3	2012	1350.1	10/07/09	WG	Turbidity	1.44	NTU	CAWA-09-14203
CdV-R-15-3	2012	1350.1	03/31/09	WG	Turbidity	0.78	NTU	CAWA-09-5673
CdV-R-15-3	2012	1350.1	10/14/08	WG	Turbidity	0.48	NTU	CAWA-08-16095
CdV-R-15-3	2012	1350.1	08/04/10	WG	pH	7.3	SU	CAWA-10-24756
CdV-R-15-3	2012	1350.1	04/12/10	WG	pH	6.72	SU	CAWA-10-15233
CdV-R-15-3	2012	1350.1	10/07/09	WG	pH	7.22	SU	CAWA-09-14203
CdV-R-15-3	2012	1350.1	03/31/09	WG	pH	7.83	SU	CAWA-09-5673
CdV-R-15-3	2012	1350.1	10/14/08	WG	pH	7.78	SU	CAWA-08-16095
CdV-R-15-3	2062	1640.1	08/04/10	WG	Dissolved Oxygen	10.96	mg/L	CAWA-10-24757
CdV-R-15-3	2062	1640.1	04/12/10	WG	Dissolved Oxygen	9.78	mg/L	CAWA-10-15236
CdV-R-15-3	2062	1640.1	10/07/09	WG	Dissolved Oxygen	5.96	mg/L	CAWA-09-14200
CdV-R-15-3	2062	1640.1	03/31/09	WG	Dissolved Oxygen	8.25	mg/L	CAWA-09-5690
CdV-R-15-3	2062	1640.1	10/10/08	WG	Dissolved Oxygen	7.74	mg/L	CAWA-08-16088
CdV-R-15-3	2062	1640.1	08/04/10	WG	Specific Conductance	129	µS/cm	CAWA-10-24757
CdV-R-15-3	2062	1640.1	04/12/10	WG	Specific Conductance	115	µS/cm	CAWA-10-15236
CdV-R-15-3	2062	1640.1	10/07/09	WG	Specific Conductance	123	µS/cm	CAWA-09-14200
CdV-R-15-3	2062	1640.1	03/31/09	WG	Specific Conductance	104	µS/cm	CAWA-09-5690

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-15-3	2062	1640.1	10/10/08	WG	Specific Conductance	112.3	µS/cm	CAWA-08-16088
CdV-R-15-3	2062	1640.1	08/04/10	WG	Temperature	23.22	deg C	CAWA-10-24757
CdV-R-15-3	2062	1640.1	04/12/10	WG	Temperature	17.73	deg C	CAWA-10-15236
CdV-R-15-3	2062	1640.1	10/07/09	WG	Temperature	15.22	deg C	CAWA-09-14200
CdV-R-15-3	2062	1640.1	03/31/09	WG	Temperature	15.86	deg C	CAWA-09-5690
CdV-R-15-3	2062	1640.1	10/10/08	WG	Temperature	19.4	deg C	CAWA-08-16088
CdV-R-15-3	2062	1640.1	08/04/10	WG	Turbidity	1.91	NTU	CAWA-10-24757
CdV-R-15-3	2062	1640.1	04/12/10	WG	Turbidity	1.84	NTU	CAWA-10-15236
CdV-R-15-3	2062	1640.1	10/07/09	WG	Turbidity	1.79	NTU	CAWA-09-14200
CdV-R-15-3	2062	1640.1	03/31/09	WG	Turbidity	1.27	NTU	CAWA-09-5690
CdV-R-15-3	2062	1640.1	10/10/08	WG	Turbidity	1.45	NTU	CAWA-08-16088
CdV-R-15-3	2062	1640.1	08/04/10	WG	pH	7.53	SU	CAWA-10-24757
CdV-R-15-3	2062	1640.1	04/12/10	WG	pH	8.27	SU	CAWA-10-15236
CdV-R-15-3	2062	1640.1	10/07/09	WG	pH	8.46	SU	CAWA-09-14200
CdV-R-15-3	2062	1640.1	03/31/09	WG	pH	7.88	SU	CAWA-09-5690
CdV-R-15-3	2062	1640.1	10/10/08	WG	pH	8.05	SU	CAWA-08-16088
CdV-R-37-2	2172	1200.3	08/11/10	WG	Dissolved Oxygen	3.93	mg/L	CAWA-10-24762
CdV-R-37-2	2172	1200.3	04/15/10	WG	Dissolved Oxygen	2.94	mg/L	CAWA-10-15235
CdV-R-37-2	2172	1200.3	10/15/09	WG	Dissolved Oxygen	4.36	mg/L	CAWA-09-14201
CdV-R-37-2	2172	1200.3	03/24/09	WG	Dissolved Oxygen	5.67	mg/L	CAWA-09-5683
CdV-R-37-2	2172	1200.3	04/09/08	WG	Dissolved Oxygen	3.91	mg/L	CAWA-08-11709
CdV-R-37-2	2172	1200.3	08/11/10	WG	Specific Conductance	122	µS/cm	CAWA-10-24762
CdV-R-37-2	2172	1200.3	04/15/10	WG	Specific Conductance	112	µS/cm	CAWA-10-15235
CdV-R-37-2	2172	1200.3	10/15/09	WG	Specific Conductance	132	µS/cm	CAWA-09-14201
CdV-R-37-2	2172	1200.3	03/24/09	WG	Specific Conductance	139	µS/cm	CAWA-09-5683
CdV-R-37-2	2172	1200.3	04/09/08	WG	Specific Conductance	115.8	µS/cm	CAWA-08-11709
CdV-R-37-2	2172	1200.3	08/11/10	WG	Temperature	24.2	deg C	CAWA-10-24762
CdV-R-37-2	2172	1200.3	04/15/10	WG	Temperature	18.62	deg C	CAWA-10-15235

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-37-2	2172	1200.3	10/15/09	WG	Temperature	20.35	deg C	CAWA-09-14201
CdV-R-37-2	2172	1200.3	03/24/09	WG	Temperature	18.02	deg C	CAWA-09-5683
CdV-R-37-2	2172	1200.3	04/09/08	WG	Temperature	15.4	deg C	CAWA-08-11709
CdV-R-37-2	2172	1200.3	08/11/10	WG	Turbidity	1.92	NTU	CAWA-10-24762
CdV-R-37-2	2172	1200.3	04/15/10	WG	Turbidity	1.46	NTU	CAWA-10-15235
CdV-R-37-2	2172	1200.3	10/15/09	WG	Turbidity	2.62	NTU	CAWA-09-14201
CdV-R-37-2	2172	1200.3	03/24/09	WG	Turbidity	1.1	NTU	CAWA-09-5683
CdV-R-37-2	2172	1200.3	04/09/08	WG	Turbidity	5.5	NTU	CAWA-08-11709
CdV-R-37-2	2172	1200.3	08/11/10	WG	pH	6.33	SU	CAWA-10-24762
CdV-R-37-2	2172	1200.3	04/15/10	WG	pH	6.57	SU	CAWA-10-15235
CdV-R-37-2	2172	1200.3	10/15/09	WG	pH	6.66	SU	CAWA-09-14201
CdV-R-37-2	2172	1200.3	03/24/09	WG	pH	6	SU	CAWA-09-5683
CdV-R-37-2	2172	1200.3	04/09/08	WG	pH	6.62	SU	CAWA-08-11709
CdV-R-37-2	2212	1359.3	08/10/10	WG	Dissolved Oxygen	5.78	mg/L	CAWA-10-24747
CdV-R-37-2	2212	1359.3	04/14/10	WG	Dissolved Oxygen	6.52	mg/L	CAWA-10-15202
CdV-R-37-2	2212	1359.3	10/15/09	WG	Dissolved Oxygen	6.28	mg/L	CAWA-09-14168
CdV-R-37-2	2212	1359.3	03/25/09	WG	Dissolved Oxygen	6.21	mg/L	CAWA-09-5658
CdV-R-37-2	2212	1359.3	04/09/08	WG	Dissolved Oxygen	8.99	mg/L	CAWA-08-11696
CdV-R-37-2	2212	1359.3	08/10/10	WG	Specific Conductance	120	µS/cm	CAWA-10-24747
CdV-R-37-2	2212	1359.3	04/14/10	WG	Specific Conductance	132	µS/cm	CAWA-10-15202
CdV-R-37-2	2212	1359.3	10/15/09	WG	Specific Conductance	122	µS/cm	CAWA-09-14168
CdV-R-37-2	2212	1359.3	03/25/09	WG	Specific Conductance	103	µS/cm	CAWA-09-5658
CdV-R-37-2	2212	1359.3	08/10/10	WG	Temperature	22.6	deg C	CAWA-10-24747
CdV-R-37-2	2212	1359.3	04/14/10	WG	Temperature	19.46	deg C	CAWA-10-15202
CdV-R-37-2	2212	1359.3	10/15/09	WG	Temperature	20.24	deg C	CAWA-09-14168
CdV-R-37-2	2212	1359.3	03/25/09	WG	Temperature	18.42	deg C	CAWA-09-5658
CdV-R-37-2	2212	1359.3	04/09/08	WG	Temperature	15.8	deg C	CAWA-08-11696
CdV-R-37-2	2212	1359.3	08/10/10	WG	Turbidity	0.88	NTU	CAWA-10-24747

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-37-2	2212	1359.3	04/14/10	WG	Turbidity	2.16	NTU	CAWA-10-15202
CdV-R-37-2	2212	1359.3	10/15/09	WG	Turbidity	1.15	NTU	CAWA-09-14168
CdV-R-37-2	2212	1359.3	03/25/09	WG	Turbidity	1.3	NTU	CAWA-09-5658
CdV-R-37-2	2212	1359.3	04/09/08	WG	Turbidity	0.38	NTU	CAWA-08-11696
CdV-R-37-2	2212	1359.3	08/10/10	WG	pH	8.09	SU	CAWA-10-24747
CdV-R-37-2	2212	1359.3	04/14/10	WG	pH	8.11	SU	CAWA-10-15202
CdV-R-37-2	2212	1359.3	10/15/09	WG	pH	7.75	SU	CAWA-09-14168
CdV-R-37-2	2212	1359.3	03/25/09	WG	pH	7.81	SU	CAWA-09-5658
CdV-R-37-2	2252	1550.6	08/10/10	WG	Dissolved Oxygen	6.91	mg/L	CAWA-10-24749
CdV-R-37-2	2252	1550.6	04/14/10	WG	Dissolved Oxygen	10.77	mg/L	CAWA-10-15217
CdV-R-37-2	2252	1550.6	10/14/09	WG	Dissolved Oxygen	7.56	mg/L	CAWA-09-14172
CdV-R-37-2	2252	1550.6	03/24/09	WG	Dissolved Oxygen	4	mg/L	CAWA-09-5687
CdV-R-37-2	2252	1550.6	04/08/08	WG	Dissolved Oxygen	7.16	mg/L	CAWA-08-11712
CdV-R-37-2	2252	1550.6	08/10/10	WG	Specific Conductance	127	µS/cm	CAWA-10-24749
CdV-R-37-2	2252	1550.6	04/14/10	WG	Specific Conductance	127	µS/cm	CAWA-10-15217
CdV-R-37-2	2252	1550.6	10/14/09	WG	Specific Conductance	114	µS/cm	CAWA-09-14172
CdV-R-37-2	2252	1550.6	03/24/09	WG	Specific Conductance	124	µS/cm	CAWA-09-5687
CdV-R-37-2	2252	1550.6	08/10/10	WG	Temperature	22.86	deg C	CAWA-10-24749
CdV-R-37-2	2252	1550.6	04/14/10	WG	Temperature	19.58	deg C	CAWA-10-15217
CdV-R-37-2	2252	1550.6	10/14/09	WG	Temperature	21.09	deg C	CAWA-09-14172
CdV-R-37-2	2252	1550.6	03/24/09	WG	Temperature	19.5	deg C	CAWA-09-5687
CdV-R-37-2	2252	1550.6	04/08/08	WG	Temperature	18.5	deg C	CAWA-08-11712
CdV-R-37-2	2252	1550.6	08/10/10	WG	Turbidity	1.45	NTU	CAWA-10-24749
CdV-R-37-2	2252	1550.6	04/14/10	WG	Turbidity	1.31	NTU	CAWA-10-15217
CdV-R-37-2	2252	1550.6	10/14/09	WG	Turbidity	1.18	NTU	CAWA-09-14172
CdV-R-37-2	2252	1550.6	03/24/09	WG	Turbidity	1	NTU	CAWA-09-5687
CdV-R-37-2	2252	1550.6	04/08/08	WG	Turbidity	0.84	NTU	CAWA-08-11712
CdV-R-37-2	2252	1550.6	08/10/10	WG	pH	8.5	SU	CAWA-10-24749

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-37-2	2252	1550.6	04/14/10	WG	pH	8.4	SU	CAWA-10-15217
CdV-R-37-2	2252	1550.6	10/14/09	WG	pH	8.01	SU	CAWA-09-14172
CdV-R-37-2	2252	1550.6	03/24/09	WG	pH	8.18	SU	CAWA-09-5687
MSC-16-06295	5971	1.5	09/14/10	WG	Dissolved Oxygen	2.95	mg/L	CAWA-10-25763
MSC-16-06295	5971	1.5	04/08/10	WG	Dissolved Oxygen	1.35	mg/L	CAWA-10-15085
MSC-16-06295	5971	1.5	10/13/09	WG	Dissolved Oxygen	2.97	mg/L	CAWA-09-13814
MSC-16-06295	5971	1.5	04/06/09	WG	Dissolved Oxygen	0.94	mg/L	CAWA-09-5560
MSC-16-06295	5971	1.5	10/16/08	WG	Dissolved Oxygen	2.9	mg/L	CAWA-08-16014
MSC-16-06295	5971	1.5	09/14/10	WG	Specific Conductance	279	µS/cm	CAWA-10-25763
MSC-16-06295	5971	1.5	04/08/10	WG	Specific Conductance	124	µS/cm	CAWA-10-15085
MSC-16-06295	5971	1.5	10/13/09	WG	Specific Conductance	94	µS/cm	CAWA-09-13814
MSC-16-06295	5971	1.5	04/06/09	WG	Specific Conductance	82	µS/cm	CAWA-09-5560
MSC-16-06295	5971	1.5	09/14/10	WG	Temperature	16.79	deg C	CAWA-10-25763
MSC-16-06295	5971	1.5	04/08/10	WG	Temperature	5.45	deg C	CAWA-10-15085
MSC-16-06295	5971	1.5	10/13/09	WG	Temperature	11.25	deg C	CAWA-09-13814
MSC-16-06295	5971	1.5	04/06/09	WG	Temperature	5.28	deg C	CAWA-09-5560
MSC-16-06295	5971	1.5	10/16/08	WG	Temperature	10.1	deg C	CAWA-08-16014
MSC-16-06295	5971	1.5	09/14/10	WG	Turbidity	4.83	NTU	CAWA-10-25763
MSC-16-06295	5971	1.5	04/08/10	WG	Turbidity	80	NTU	CAWA-10-15085
MSC-16-06295	5971	1.5	10/13/09	WG	Turbidity	76.6	NTU	CAWA-09-13814
MSC-16-06295	5971	1.5	04/06/09	WG	Turbidity	35.9	NTU	CAWA-09-5560
MSC-16-06295	5971	1.5	10/16/08	WG	Turbidity	14.6	NTU	CAWA-08-16014
MSC-16-06295	5971	1.5	09/14/10	WG	pH	6.22	SU	CAWA-10-25763
MSC-16-06295	5971	1.5	04/08/10	WG	pH	5.88	SU	CAWA-10-15085
MSC-16-06295	5971	1.5	10/13/09	WG	pH	5.13	SU	CAWA-09-13814
MSC-16-06295	5971	1.5	04/06/09	WG	pH	6.01	SU	CAWA-09-5560
Martin Spring	—	—	09/14/10	WG	Dissolved Oxygen	6.17	mg/L	CAWA-10-25715
Martin Spring	—	—	04/13/10	WG	Dissolved Oxygen	6.72	mg/L	CAWA-10-14978

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Martin Spring	—	—	10/16/09	WG	Dissolved Oxygen	7.67	mg/L	CAWA-09-13712
Martin Spring	—	—	03/24/09	WG	Dissolved Oxygen	14	mg/L	CAWA-09-5537
Martin Spring	—	—	10/08/08	WG	Dissolved Oxygen	7.58	mg/L	CAWA-08-15964
Martin Spring	—	—	09/14/10	WG	Specific Conductance	383	µS/cm	CAWA-10-25715
Martin Spring	—	—	04/13/10	WG	Specific Conductance	338	µS/cm	CAWA-10-14978
Martin Spring	—	—	10/16/09	WG	Specific Conductance	378	µS/cm	CAWA-09-13712
Martin Spring	—	—	03/24/09	WG	Specific Conductance	276	µS/cm	CAWA-09-5537
Martin Spring	—	—	10/08/08	WG	Specific Conductance	285	µS/cm	CAWA-08-15964
Martin Spring	—	—	09/14/10	WG	Temperature	11.31	deg C	CAWA-10-25715
Martin Spring	—	—	04/13/10	WG	Temperature	9.83	deg C	CAWA-10-14978
Martin Spring	—	—	10/16/09	WG	Temperature	10.99	deg C	CAWA-09-13712
Martin Spring	—	—	03/24/09	WG	Temperature	10.85	deg C	CAWA-09-5537
Martin Spring	—	—	10/08/08	WG	Temperature	12.7	deg C	CAWA-08-15964
Martin Spring	—	—	09/14/10	WG	Turbidity	11.1	NTU	CAWA-10-25715
Martin Spring	—	—	04/13/10	WG	Turbidity	17.5	NTU	CAWA-10-14978
Martin Spring	—	—	10/16/09	WG	Turbidity	7.28	NTU	CAWA-09-13712
Martin Spring	—	—	03/24/09	WG	Turbidity	5.58	NTU	CAWA-09-5537
Martin Spring	—	—	10/08/08	WG	Turbidity	7.85	NTU	CAWA-08-15964
Martin Spring	—	—	09/14/10	WG	pH	6.61	SU	CAWA-10-25715
Martin Spring	—	—	04/13/10	WG	pH	6.55	SU	CAWA-10-14978
Martin Spring	—	—	10/16/09	WG	pH	6.65	SU	CAWA-09-13712
Martin Spring	—	—	03/24/09	WG	pH	6.65	SU	CAWA-09-5537
Martin Spring	—	—	10/08/08	WG	pH	6.6	SU	CAWA-08-15964
R-25	932	754.8	09/21/10	WG	Dissolved Oxygen	5.29	mg/L	CAWA-10-25800
R-25	932	754.8	03/31/09	WG	Dissolved Oxygen	5.95	mg/L	CAWA-09-5594
R-25	932	754.8	10/22/08	WG	Dissolved Oxygen	3.82	mg/L	CAWA-08-16016
R-25	932	754.8	08/02/05	WG	Dissolved Oxygen	5.15	mg/L	GU0508G25R101
R-25	932	754.8	10/18/07	WG	Dissolved Oxygen	6.34	mg/L	FU07100G25R101

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	932	754.8	09/21/10	WG	Specific Conductance	189	µS/cm	CAWA-10-25800
R-25	932	754.8	03/31/09	WG	Specific Conductance	134	µS/cm	CAWA-09-5594
R-25	932	754.8	10/22/08	WG	Specific Conductance	193	µS/cm	CAWA-08-16016
R-25	932	754.8	10/18/07	WG	Specific Conductance	178.8	µS/cm	FU07100G25R101
R-25	932	754.8	09/21/10	WG	Temperature	14.29	deg C	CAWA-10-25800
R-25	932	754.8	03/31/09	WG	Temperature	12.31	deg C	CAWA-09-5594
R-25	932	754.8	10/22/08	WG	Temperature	11	deg C	CAWA-08-16016
R-25	932	754.8	05/09/07	WG	Temperature	16.1	deg C	FU07050G25R101
R-25	932	754.8	10/18/07	WG	Temperature	11.6	deg C	FU07100G25R101
R-25	932	754.8	09/21/10	WG	Turbidity	11.3	NTU	CAWA-10-25800
R-25	932	754.8	03/31/09	WG	Turbidity	14.41	NTU	CAWA-09-5594
R-25	932	754.8	10/22/08	WG	Turbidity	6.89	NTU	CAWA-08-16016
R-25	932	754.8	05/09/07	WG	Turbidity	3.59	NTU	FU07050G25R101
R-25	932	754.8	10/18/07	WG	Turbidity	10.3	NTU	FU07100G25R101
R-25	932	754.8	09/21/10	WG	pH	6.69	SU	CAWA-10-25800
R-25	932	754.8	03/31/09	WG	pH	6.72	SU	CAWA-09-5594
R-25	932	754.8	10/22/08	WG	pH	6.8	SU	CAWA-08-16016
R-25	932	754.8	10/18/07	WG	pH	7.4	SU	FU07100G25R101
R-25	982	891.8	09/21/10	WG	Dissolved Oxygen	7.67	mg/L	CAWA-10-25814
R-25	982	891.8	04/06/10	WG	Dissolved Oxygen	5.29	mg/L	CAWA-10-15241
R-25	982	891.8	10/16/09	WG	Dissolved Oxygen	10.17	mg/L	CAWA-09-14195
R-25	982	891.8	04/01/09	WG	Dissolved Oxygen	4.38	mg/L	CAWA-09-5632
R-25	982	891.8	10/22/08	WG	Dissolved Oxygen	1.61	mg/L	CAWA-08-16048
R-25	982	891.8	09/21/10	WG	Specific Conductance	230	µS/cm	CAWA-10-25814
R-25	982	891.8	04/06/10	WG	Specific Conductance	258	µS/cm	CAWA-10-15241
R-25	982	891.8	10/16/09	WG	Specific Conductance	2660	µS/cm	CAWA-09-14195
R-25	982	891.8	04/01/09	WG	Specific Conductance	176	µS/cm	CAWA-09-5632
R-25	982	891.8	10/22/08	WG	Specific Conductance	226	µS/cm	CAWA-08-16048

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	982	891.8	09/21/10	WG	Temperature	13.7	deg C	CAWA-10-25814
R-25	982	891.8	04/06/10	WG	Temperature	11.38	deg C	CAWA-10-15241
R-25	982	891.8	10/16/09	WG	Temperature	14.6	deg C	CAWA-09-14195
R-25	982	891.8	04/01/09	WG	Temperature	10.76	deg C	CAWA-09-5632
R-25	982	891.8	10/22/08	WG	Temperature	9.8	deg C	CAWA-08-16048
R-25	982	891.8	09/21/10	WG	Turbidity	107	NTU	CAWA-10-25814
R-25	982	891.8	04/06/10	WG	Turbidity	29	NTU	CAWA-10-15241
R-25	982	891.8	10/16/09	WG	Turbidity	41.4	NTU	CAWA-09-14195
R-25	982	891.8	04/01/09	WG	Turbidity	29.9	NTU	CAWA-09-5632
R-25	982	891.8	10/22/08	WG	Turbidity	73.7	NTU	CAWA-08-16048
R-25	982	891.8	09/21/10	WG	pH	6.5	SU	CAWA-10-25814
R-25	982	891.8	04/06/10	WG	pH	6.24	SU	CAWA-10-15241
R-25	982	891.8	10/16/09	WG	pH	6.5	SU	CAWA-09-14195
R-25	982	891.8	04/01/09	WG	pH	6.82	SU	CAWA-09-5632
R-25	982	891.8	10/22/08	WG	pH	7.2	SU	CAWA-08-16048
R-25	1082	1192.4	09/21/10	WG	Dissolved Oxygen	6.55	mg/L	CAWA-10-25802
R-25	1082	1192.4	04/07/10	WG	Dissolved Oxygen	7.06	mg/L	CAWA-10-15187
R-25	1082	1192.4	10/19/09	WG	Dissolved Oxygen	7.03	mg/L	CAWA-09-14157
R-25	1082	1192.4	03/31/09	WG	Dissolved Oxygen	8.46	mg/L	CAWA-09-5642
R-25	1082	1192.4	10/20/08	WG	Dissolved Oxygen	3	mg/L	CAWA-08-16050
R-25	1082	1192.4	09/21/10	WG	Specific Conductance	207	µS/cm	CAWA-10-25802
R-25	1082	1192.4	04/07/10	WG	Specific Conductance	197	µS/cm	CAWA-10-15187
R-25	1082	1192.4	10/19/09	WG	Specific Conductance	191	µS/cm	CAWA-09-14157
R-25	1082	1192.4	03/31/09	WG	Specific Conductance	141	µS/cm	CAWA-09-5642
R-25	1082	1192.4	10/20/08	WG	Specific Conductance	197.3	µS/cm	CAWA-08-16050
R-25	1082	1192.4	09/21/10	WG	Temperature	14.5	deg C	CAWA-10-25802
R-25	1082	1192.4	04/07/10	WG	Temperature	11.88	deg C	CAWA-10-15187
R-25	1082	1192.4	10/19/09	WG	Temperature	15.65	deg C	CAWA-09-14157

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	1082	1192.4	03/31/09	WG	Temperature	13.33	deg C	CAWA-09-5642
R-25	1082	1192.4	10/20/08	WG	Temperature	14.4	deg C	CAWA-08-16050
R-25	1082	1192.4	09/21/10	WG	Turbidity	1.9	NTU	CAWA-10-25802
R-25	1082	1192.4	04/07/10	WG	Turbidity	0.93	NTU	CAWA-10-15187
R-25	1082	1192.4	10/19/09	WG	Turbidity	1.39	NTU	CAWA-09-14157
R-25	1082	1192.4	03/31/09	WG	Turbidity	1.41	NTU	CAWA-09-5642
R-25	1082	1192.4	10/20/08	WG	Turbidity	2.68	NTU	CAWA-08-16050
R-25	1082	1192.4	09/21/10	WG	pH	6.9	SU	CAWA-10-25802
R-25	1082	1192.4	04/07/10	WG	pH	7.88	SU	CAWA-10-15187
R-25	1082	1192.4	10/19/09	WG	pH	6.65	SU	CAWA-09-14157
R-25	1082	1192.4	03/31/09	WG	pH	7.08	SU	CAWA-09-5642
R-25	1082	1192.4	10/20/08	WG	pH	7.5	SU	CAWA-08-16050
R-25	1132	1303.4	09/23/10	WG	Dissolved Oxygen	3.78	mg/L	CAWA-10-25846
R-25	1132	1303.4	04/07/10	WG	Dissolved Oxygen	4.11	mg/L	CAWA-10-15214
R-25	1132	1303.4	10/21/09	WG	Dissolved Oxygen	5.41	mg/L	CAWA-09-14178
R-25	1132	1303.4	04/07/09	WG	Dissolved Oxygen	3.34	mg/L	CAWA-09-5669
R-25	1132	1303.4	04/01/08	WG	Dissolved Oxygen	1.5	mg/L	CAWA-08-11714
R-25	1132	1303.4	09/23/10	WG	Specific Conductance	219	µS/cm	CAWA-10-25846
R-25	1132	1303.4	04/07/10	WG	Specific Conductance	212	µS/cm	CAWA-10-15214
R-25	1132	1303.4	10/21/09	WG	Specific Conductance	217	µS/cm	CAWA-09-14178
R-25	1132	1303.4	04/07/09	WG	Specific Conductance	191	µS/cm	CAWA-09-5669
R-25	1132	1303.4	09/23/10	WG	Temperature	14.95	deg C	CAWA-10-25846
R-25	1132	1303.4	04/07/10	WG	Temperature	12.37	deg C	CAWA-10-15214
R-25	1132	1303.4	10/21/09	WG	Temperature	13.42	deg C	CAWA-09-14178
R-25	1132	1303.4	04/07/09	WG	Temperature	15.97	deg C	CAWA-09-5669
R-25	1132	1303.4	04/01/08	WG	Temperature	14.5	deg C	CAWA-08-11714
R-25	1132	1303.4	09/23/10	WG	Turbidity	1.11	NTU	CAWA-10-25846
R-25	1132	1303.4	04/07/10	WG	Turbidity	1.45	NTU	CAWA-10-15214

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	1132	1303.4	10/21/09	WG	Turbidity	1.03	NTU	CAWA-09-14178
R-25	1132	1303.4	04/07/09	WG	Turbidity	0.74	NTU	CAWA-09-5669
R-25	1132	1303.4	04/01/08	WG	Turbidity	0.81	NTU	CAWA-08-11714
R-25	1132	1303.4	09/23/10	WG	pH	7.51	SU	CAWA-10-25846
R-25	1132	1303.4	04/07/10	WG	pH	7.77	SU	CAWA-10-15214
R-25	1132	1303.4	10/21/09	WG	pH	7.06	SU	CAWA-09-14178
R-25	1132	1303.4	04/07/09	WG	pH	7.47	SU	CAWA-09-5669
R-25	1182	1406.3	09/22/10	WG	Dissolved Oxygen	6.32	mg/L	CAWA-10-25851
R-25	1182	1406.3	04/08/10	WG	Dissolved Oxygen	4.85	mg/L	CAWA-10-15191
R-25	1182	1406.3	10/19/09	WG	Dissolved Oxygen	7.85	mg/L	CAWA-09-14180
R-25	1182	1406.3	04/02/09	WG	Dissolved Oxygen	5.28	mg/L	CAWA-09-5645
R-25	1182	1406.3	10/17/08	WG	Dissolved Oxygen	4.12	mg/L	CAWA-08-16074
R-25	1182	1406.3	09/22/10	WG	Specific Conductance	154	µS/cm	CAWA-10-25851
R-25	1182	1406.3	04/08/10	WG	Specific Conductance	128	µS/cm	CAWA-10-15191
R-25	1182	1406.3	10/19/09	WG	Specific Conductance	140	µS/cm	CAWA-09-14180
R-25	1182	1406.3	04/02/09	WG	Specific Conductance	133	µS/cm	CAWA-09-5645
R-25	1182	1406.3	10/17/08	WG	Specific Conductance	147	µS/cm	CAWA-08-16074
R-25	1182	1406.3	09/22/10	WG	Temperature	15.79	deg C	CAWA-10-25851
R-25	1182	1406.3	04/08/10	WG	Temperature	13.6	deg C	CAWA-10-15191
R-25	1182	1406.3	10/19/09	WG	Temperature	14.96	deg C	CAWA-09-14180
R-25	1182	1406.3	04/02/09	WG	Temperature	14.61	deg C	CAWA-09-5645
R-25	1182	1406.3	10/17/08	WG	Temperature	15.1	deg C	CAWA-08-16074
R-25	1182	1406.3	09/22/10	WG	Turbidity	3.13	NTU	CAWA-10-25851
R-25	1182	1406.3	04/08/10	WG	Turbidity	1.38	NTU	CAWA-10-15191
R-25	1182	1406.3	10/19/09	WG	Turbidity	2.93	NTU	CAWA-09-14180
R-25	1182	1406.3	04/02/09	WG	Turbidity	3.7	NTU	CAWA-09-5645
R-25	1182	1406.3	10/17/08	WG	Turbidity	0.58	NTU	CAWA-08-16074
R-25	1182	1406.3	09/22/10	WG	pH	7.88	SU	CAWA-10-25851

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	1182	1406.3	04/08/10	WG	pH	7.73	SU	CAWA-10-15191
R-25	1182	1406.3	10/19/09	WG	pH	7.52	SU	CAWA-09-14180
R-25	1182	1406.3	04/02/09	WG	pH	7.84	SU	CAWA-09-5645
R-25	1182	1406.3	10/17/08	WG	pH	8.1	SU	CAWA-08-16074
R-25	1232	1606	09/23/10	WG	Dissolved Oxygen	7.89	mg/L	CAWA-10-25865
R-25	1232	1606	04/08/10	WG	Dissolved Oxygen	10.55	mg/L	CAWA-10-15196
R-25	1232	1606	10/20/09	WG	Dissolved Oxygen	9.72	mg/L	CAWA-09-14186
R-25	1232	1606	04/02/09	WG	Dissolved Oxygen	5.68	mg/L	CAWA-09-5650
R-25	1232	1606	10/16/08	WG	Dissolved Oxygen	4.01	mg/L	CAWA-08-16080
R-25	1232	1606	09/23/10	WG	Specific Conductance	119	µS/cm	CAWA-10-25865
R-25	1232	1606	04/08/10	WG	Specific Conductance	101	µS/cm	CAWA-10-15196
R-25	1232	1606	10/20/09	WG	Specific Conductance	117	µS/cm	CAWA-09-14186
R-25	1232	1606	04/02/09	WG	Specific Conductance	91	µS/cm	CAWA-09-5650
R-25	1232	1606	09/23/10	WG	Temperature	15.5	deg C	CAWA-10-25865
R-25	1232	1606	04/08/10	WG	Temperature	13.9	deg C	CAWA-10-15196
R-25	1232	1606	10/20/09	WG	Temperature	12.23	deg C	CAWA-09-14186
R-25	1232	1606	04/02/09	WG	Temperature	15.23	deg C	CAWA-09-5650
R-25	1232	1606	10/16/08	WG	Temperature	14.3	deg C	CAWA-08-16080
R-25	1232	1606	09/23/10	WG	Turbidity	0.59	NTU	CAWA-10-25865
R-25	1232	1606	04/08/10	WG	Turbidity	1.06	NTU	CAWA-10-15196
R-25	1232	1606	10/20/09	WG	Turbidity	1.36	NTU	CAWA-09-14186
R-25	1232	1606	04/02/09	WG	Turbidity	0.84	NTU	CAWA-09-5650
R-25	1232	1606	10/16/08	WG	Turbidity	0.85	NTU	CAWA-08-16080
R-25	1232	1606	09/23/10	WG	pH	7.81	SU	CAWA-10-25865
R-25	1232	1606	04/08/10	WG	pH	7.61	SU	CAWA-10-15196
R-25	1232	1606	10/20/09	WG	pH	7.37	SU	CAWA-09-14186
R-25	1232	1606	04/02/09	WG	pH	7.66	SU	CAWA-09-5650
R-25	1282	1796	09/24/10	WG	Dissolved Oxygen	8.65	mg/L	CAWA-10-25885

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	1282	1796	04/09/10	WG	Dissolved Oxygen	11.24	mg/L	CAWA-10-15198
R-25	1282	1796	10/20/09	WG	Dissolved Oxygen	5.35	mg/L	CAWA-09-14191
R-25	1282	1796	04/01/09	WG	Dissolved Oxygen	7.02	mg/L	CAWA-09-5656
R-25	1282	1796	10/15/08	WG	Dissolved Oxygen	4.24	mg/L	CAWA-08-16084
R-25	1282	1796	09/24/10	WG	Specific Conductance	120	µS/cm	CAWA-10-25885
R-25	1282	1796	04/09/10	WG	Specific Conductance	121	µS/cm	CAWA-10-15198
R-25	1282	1796	10/20/09	WG	Specific Conductance	130	µS/cm	CAWA-09-14191
R-25	1282	1796	04/01/09	WG	Specific Conductance	86	µS/cm	CAWA-09-5656
R-25	1282	1796	10/15/08	WG	Specific Conductance	126.7	µS/cm	CAWA-08-16084
R-25	1282	1796	09/24/10	WG	Temperature	14.32	deg C	CAWA-10-25885
R-25	1282	1796	04/09/10	WG	Temperature	15.44	deg C	CAWA-10-15198
R-25	1282	1796	10/20/09	WG	Temperature	17.52	deg C	CAWA-09-14191
R-25	1282	1796	04/01/09	WG	Temperature	12.03	deg C	CAWA-09-5656
R-25	1282	1796	10/15/08	WG	Temperature	16.9	deg C	CAWA-08-16084
R-25	1282	1796	09/24/10	WG	Turbidity	1.48	NTU	CAWA-10-25885
R-25	1282	1796	04/09/10	WG	Turbidity	1.71	NTU	CAWA-10-15198
R-25	1282	1796	10/20/09	WG	Turbidity	1.81	NTU	CAWA-09-14191
R-25	1282	1796	04/01/09	WG	Turbidity	4.9	NTU	CAWA-09-5656
R-25	1282	1796	10/15/08	WG	Turbidity	0.9	NTU	CAWA-08-16084
R-25	1282	1796	09/24/10	WG	pH	8.28	SU	CAWA-10-25885
R-25	1282	1796	04/09/10	WG	pH	7.83	SU	CAWA-10-15198
R-25	1282	1796	10/20/09	WG	pH	7.96	SU	CAWA-09-14191
R-25	1282	1796	04/01/09	WG	pH	7.9	SU	CAWA-09-5656
R-25	1282	1796	10/15/08	WG	pH	8.5	SU	CAWA-08-16084
R-25b	8611	750	09/08/10	WG	Dissolved Oxygen	4.02	mg/L	CAWA-10-25899
R-25b	8611	750	04/21/10	WG	Dissolved Oxygen	4.03	mg/L	CAWA-10-15174
R-25b	8611	750	10/09/09	WG	Dissolved Oxygen	1.73	mg/L	CAWA-09-14261
R-25b	8611	750	06/08/09	WG	Dissolved Oxygen	1.63	mg/L	CAPA-09-9633

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25b	8611	750	01/05/09	WG	Dissolved Oxygen	7.07	mg/L	CAPA-09-1753
R-25b	8611	750	09/08/10	WG	Oxidation Reduction Potential	88.6	mV	CAWA-10-25899
R-25b	8611	750	04/21/10	WG	Oxidation Reduction Potential	65.6	mV	CAWA-10-15174
R-25b	8611	750	10/09/09	WG	Oxidation Reduction Potential	58	mV	CAWA-09-14261
R-25b	8611	750	06/08/09	WG	Oxidation Reduction Potential	130.4	mV	CAPA-09-9633
R-25b	8611	750	01/05/09	WG	Oxidation Reduction Potential	89.3	mV	CAPA-09-1753
R-25b	8611	750	09/08/10	WG	Specific Conductance	153	µS/cm	CAWA-10-25899
R-25b	8611	750	04/21/10	WG	Specific Conductance	165	µS/cm	CAWA-10-15174
R-25b	8611	750	10/09/09	WG	Specific Conductance	195	µS/cm	CAWA-09-14261
R-25b	8611	750	06/08/09	WG	Specific Conductance	153	µS/cm	CAPA-09-9633
R-25b	8611	750	09/08/10	WG	Temperature	10.84	deg C	CAWA-10-25899
R-25b	8611	750	04/21/10	WG	Temperature	12.13	deg C	CAWA-10-15174
R-25b	8611	750	10/09/09	WG	Temperature	10.63	deg C	CAWA-09-14261
R-25b	8611	750	06/08/09	WG	Temperature	10.25	deg C	CAPA-09-9633
R-25b	8611	750	01/05/09	WG	Temperature	9.56	deg C	CAPA-09-1753
R-25b	8611	750	09/08/10	WG	Turbidity	13.9	NTU	CAWA-10-25899
R-25b	8611	750	04/21/10	WG	Turbidity	10.4	NTU	CAWA-10-15174
R-25b	8611	750	10/09/09	WG	Turbidity	37.9	NTU	CAWA-09-14261
R-25b	8611	750	06/08/09	WG	Turbidity	115	NTU	CAPA-09-9633
R-25b	8611	750	01/05/09	WG	Turbidity	21.9	NTU	CAPA-09-1753
R-25b	8611	750	09/08/10	WG	pH	6.95	SU	CAWA-10-25899
R-25b	8611	750	04/21/10	WG	pH	7.16	SU	CAWA-10-15174
R-25b	8611	750	10/09/09	WG	pH	7.31	SU	CAWA-09-14261
R-25b	8611	750	06/08/09	WG	pH	6.31	SU	CAPA-09-9633
R-26	1421	659.3	08/13/10	WG	Dissolved Oxygen	5.88	mg/L	CAWA-10-24737
R-26	1421	659.3	04/02/10	WG	Dissolved Oxygen	7.18	mg/L	CAWA-10-15144
R-26	1421	659.3	10/19/09	WG	Dissolved Oxygen	6.97	mg/L	CAWA-09-14134
R-26	1421	659.3	04/02/09	WG	Dissolved Oxygen	5.03	mg/L	CAWA-09-5610

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26	1421	659.3	10/07/08	WG	Dissolved Oxygen	4.96	mg/L	CAWA-08-16044
R-26	1421	659.3	08/13/10	WG	Specific Conductance	98	µS/cm	CAWA-10-24737
R-26	1421	659.3	04/02/10	WG	Specific Conductance	98	µS/cm	CAWA-10-15144
R-26	1421	659.3	10/19/09	WG	Specific Conductance	94	µS/cm	CAWA-09-14134
R-26	1421	659.3	04/02/09	WG	Specific Conductance	156	µS/cm	CAWA-09-5610
R-26	1421	659.3	08/13/10	WG	Temperature	19.77	deg C	CAWA-10-24737
R-26	1421	659.3	04/02/10	WG	Temperature	10.6	deg C	CAWA-10-15144
R-26	1421	659.3	10/19/09	WG	Temperature	18.89	deg C	CAWA-09-14134
R-26	1421	659.3	04/02/09	WG	Temperature	15.2	deg C	CAWA-09-5610
R-26	1421	659.3	10/07/08	WG	Temperature	20.2	deg C	CAWA-08-16044
R-26	1421	659.3	08/13/10	WG	Turbidity	0.54	NTU	CAWA-10-24737
R-26	1421	659.3	04/02/10	WG	Turbidity	1.02	NTU	CAWA-10-15144
R-26	1421	659.3	10/19/09	WG	Turbidity	0.6	NTU	CAWA-09-14134
R-26	1421	659.3	04/02/09	WG	Turbidity	1.19	NTU	CAWA-09-5610
R-26	1421	659.3	10/07/08	WG	Turbidity	0.94	NTU	CAWA-08-16044
R-26	1421	659.3	08/13/10	WG	pH	8.13	SU	CAWA-10-24737
R-26	1421	659.3	04/02/10	WG	pH	7.2	SU	CAWA-10-15144
R-26	1421	659.3	10/19/09	WG	pH	7.83	SU	CAWA-09-14134
R-26	1421	659.3	04/02/09	WG	pH	7.82	SU	CAWA-09-5610
R-26 PZ-2	8771	150	06/11/09	WG	Dissolved Oxygen	10.13	mg/L	CAPA-09-9630
R-26 PZ-2	8771	150	09/10/10	WG	Dissolved Oxygen	8.36	mg/L	CAWA-10-25784
R-26 PZ-2	8771	150	04/05/10	WG	Dissolved Oxygen	8.78	mg/L	CAWA-10-15178
R-26 PZ-2	8771	150	01/12/10	WG	Dissolved Oxygen	10.25	mg/L	CAWA-10-9258
R-26 PZ-2	8771	150	10/14/09	WG	Dissolved Oxygen	5.58	mg/L	CAWA-09-14242
R-26 PZ-2	8771	150	06/11/09	WG	Oxidation Reduction Potential	693.2	mV	CAPA-09-9630
R-26 PZ-2	8771	150	09/10/10	WG	Oxidation Reduction Potential	356.5	mV	CAWA-10-25784
R-26 PZ-2	8771	150	04/05/10	WG	Oxidation Reduction Potential	177.7	mV	CAWA-10-15178
R-26 PZ-2	8771	150	01/12/10	WG	Oxidation Reduction Potential	242.1	mV	CAWA-10-9258

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26 PZ-2	8771	150	10/14/09	WG	Oxidation Reduction Potential	464.4	mV	CAWA-09-14242
R-26 PZ-2	8771	150	06/11/09	WG	Specific Conductance	175	µS/cm	CAPA-09-9630
R-26 PZ-2	8771	150	09/10/10	WG	Specific Conductance	205	µS/cm	CAWA-10-25784
R-26 PZ-2	8771	150	04/05/10	WG	Specific Conductance	229	µS/cm	CAWA-10-15178
R-26 PZ-2	8771	150	01/12/10	WG	Specific Conductance	121	µS/cm	CAWA-10-9258
R-26 PZ-2	8771	150	10/14/09	WG	Specific Conductance	196	µS/cm	CAWA-09-14242
R-26 PZ-2	8771	150	06/11/09	WG	Temperature	12.64	deg C	CAPA-09-9630
R-26 PZ-2	8771	150	09/10/10	WG	Temperature	15.2	deg C	CAWA-10-25784
R-26 PZ-2	8771	150	04/05/10	WG	Temperature	12.52	deg C	CAWA-10-15178
R-26 PZ-2	8771	150	01/12/10	WG	Temperature	9.92	deg C	CAWA-10-9258
R-26 PZ-2	8771	150	10/14/09	WG	Temperature	12.38	deg C	CAWA-09-14242
R-26 PZ-2	8771	150	06/11/09	WG	Turbidity	32.5	NTU	CAPA-09-9630
R-26 PZ-2	8771	150	09/10/10	WG	Turbidity	312	NTU	CAWA-10-25784
R-26 PZ-2	8771	150	04/05/10	WG	Turbidity	1000	NTU	CAWA-10-15178
R-26 PZ-2	8771	150	01/12/10	WG	Turbidity	220	NTU	CAWA-10-9258
R-26 PZ-2	8771	150	10/14/09	WG	Turbidity	1000	NTU	CAWA-09-14242
R-26 PZ-2	8771	150	06/11/09	WG	pH	6.2	SU	CAPA-09-9630
R-26 PZ-2	8771	150	09/10/10	WG	pH	7.04	SU	CAWA-10-25784
R-26 PZ-2	8771	150	04/05/10	WG	pH	7.05	SU	CAWA-10-15178
R-26 PZ-2	8771	150	01/12/10	WG	pH	6.74	SU	CAWA-10-9258
R-26 PZ-2	8771	150	10/14/09	WG	pH	6.27	SU	CAWA-09-14242
R-27	6991	852	09/14/10	WG	Dissolved Oxygen	7.02	mg/L	CAWA-10-25888
R-27	6991	852	04/09/10	WG	Dissolved Oxygen	6.85	mg/L	CAWA-10-15306
R-27	6991	852	10/07/09	WG	Dissolved Oxygen	6.83	mg/L	CAWA-09-14161
R-27	6991	852	04/07/09	WG	Dissolved Oxygen	5.49	mg/L	CAWA-09-5665
R-27	6991	852	10/10/08	WG	Dissolved Oxygen	9.1	mg/L	CAWA-08-16054
R-27	6991	852	09/14/10	WG	Oxidation Reduction Potential	397.2	mV	CAWA-10-25888
R-27	6991	852	04/09/10	WG	Oxidation Reduction Potential	78.2	mV	CAWA-10-15306

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-27	6991	852	10/07/09	WG	Oxidation Reduction Potential	112.9	mV	CAWA-09-14161
R-27	6991	852	04/07/09	WG	Oxidation Reduction Potential	52	mV	CAWA-09-5665
R-27	6991	852	10/10/08	WG	Oxidation Reduction Potential	138	mV	CAWA-08-16054
R-27	6991	852	09/14/10	WG	Specific Conductance	121	µS/cm	CAWA-10-25888
R-27	6991	852	04/09/10	WG	Specific Conductance	121	µS/cm	CAWA-10-15306
R-27	6991	852	10/07/09	WG	Specific Conductance	116	µS/cm	CAWA-09-14161
R-27	6991	852	04/07/09	WG	Specific Conductance	102.4	µS/cm	CAWA-09-5665
R-27	6991	852	09/14/10	WG	Temperature	17.45	deg C	CAWA-10-25888
R-27	6991	852	04/09/10	WG	Temperature	18.27	deg C	CAWA-10-15306
R-27	6991	852	04/07/09	WG	Temperature	18.7	deg C	CAWA-09-5665
R-27	6991	852	10/10/08	WG	Temperature	18.8	deg C	CAWA-08-16054
R-27	6991	852	04/11/08	WG	Temperature	18	deg C	CAWA-08-11690
R-27	6991	852	09/14/10	WG	Turbidity	2.27	NTU	CAWA-10-25888
R-27	6991	852	04/09/10	WG	Turbidity	0.27	NTU	CAWA-10-15306
R-27	6991	852	10/07/09	WG	Turbidity	0.73	NTU	CAWA-09-14161
R-27	6991	852	04/07/09	WG	Turbidity	0.15	NTU	CAWA-09-5665
R-27	6991	852	10/10/08	WG	Turbidity	0.18	NTU	CAWA-08-16054
R-27	6991	852	09/14/10	WG	pH	7.71	SU	CAWA-10-25888
R-27	6991	852	04/09/10	WG	pH	7.77	SU	CAWA-10-15306
R-27	6991	852	10/07/09	WG	pH	7.3	SU	CAWA-09-14161
R-27	6991	852	04/07/09	WG	pH	7.79	SU	CAWA-09-5665
R-27i	8911	619	09/20/10	WG	Dissolved Oxygen	8.35	mg/L	CAWA-10-25906
R-27i	8911	619	04/15/10	WG	Dissolved Oxygen	7.12	mg/L	CAWA-10-15169
R-27i	8911	619	12/11/09	WG	Dissolved Oxygen	7.55	mg/L	CAWA-10-5479
R-27i	8911	619	09/20/10	WG	Oxidation Reduction Potential	196.4	mV	CAWA-10-25906
R-27i	8911	619	04/15/10	WG	Oxidation Reduction Potential	114.6	mV	CAWA-10-15169
R-27i	8911	619	12/11/09	WG	Oxidation Reduction Potential	378	mV	CAWA-10-5479
R-27i	8911	619	09/20/10	WG	Specific Conductance	116	µS/cm	CAWA-10-25906

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-27i	8911	619	04/15/10	WG	Specific Conductance	94	µS/cm	CAWA-10-15169
R-27i	8911	619	12/11/09	WG	Specific Conductance	113	µS/cm	CAWA-10-5479
R-27i	8911	619	09/20/10	WG	Temperature	14.41	deg C	CAWA-10-25906
R-27i	8911	619	04/15/10	WG	Temperature	14.66	deg C	CAWA-10-15169
R-27i	8911	619	12/11/09	WG	Temperature	13.02	deg C	CAWA-10-5479
R-27i	8911	619	09/20/10	WG	Turbidity	0.6	NTU	CAWA-10-25906
R-27i	8911	619	04/15/10	WG	Turbidity	1.33	NTU	CAWA-10-15169
R-27i	8911	619	12/11/09	WG	Turbidity	1.32	NTU	CAWA-10-5479
R-27i	8911	619	09/20/10	WG	pH	6.36	SU	CAWA-10-25906
R-27i	8911	619	04/15/10	WG	pH	6.65	SU	CAWA-10-15169
R-27i	8911	619	12/11/09	WG	pH	6.65	SU	CAWA-10-5479
R-47i	8921	840	09/23/10	WG	Dissolved Oxygen	4.98	mg/L	CAWA-10-26683
R-47i	8921	840	09/23/10	WG	Dissolved Oxygen	4.98	mg/L	CAWA-10-25908
R-47i	8921	840	09/23/10	WG	Dissolved Oxygen	4.63	mg/L	CAWA-10-26680
R-47i	8921	840	09/23/10	WG	Dissolved Oxygen	4.52	mg/L	CAWA-10-26678
R-47i	8921	840	09/23/10	WG	Dissolved Oxygen	4.65	mg/L	CAWA-10-26676
R-47i	8921	840	09/23/10	WG	Dissolved Oxygen	5.2	mg/L	CAWA-10-26674
R-47i	8921	840	09/23/10	WG	Dissolved Oxygen	5.55	mg/L	CAWA-10-26672
R-47i	8921	840	04/08/10	WG	Dissolved Oxygen	4.69	mg/L	CAWA-10-15220
R-47i	8921	840	12/21/09	WG	Dissolved Oxygen	3.06	mg/L	CAWA-10-6910
R-47i	8921	840	09/23/10	WG	Oxidation Reduction Potential	267.4	mV	CAWA-10-26683
R-47i	8921	840	09/23/10	WG	Oxidation Reduction Potential	267.4	mV	CAWA-10-25908
R-47i	8921	840	09/23/10	WG	Oxidation Reduction Potential	225.6	mV	CAWA-10-26680
R-47i	8921	840	09/23/10	WG	Oxidation Reduction Potential	287.3	mV	CAWA-10-26678
R-47i	8921	840	09/23/10	WG	Oxidation Reduction Potential	264	mV	CAWA-10-26676
R-47i	8921	840	09/23/10	WG	Oxidation Reduction Potential	209.8	mV	CAWA-10-26674
R-47i	8921	840	09/23/10	WG	Oxidation Reduction Potential	172.5	mV	CAWA-10-26672
R-47i	8921	840	04/08/10	WG	Oxidation Reduction Potential	180.1	mV	CAWA-10-15220

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-47i	8921	840	12/21/09	WG	Oxidation Reduction Potential	6.52	mV	CAWA-10-6910
R-47i	8921	840	09/23/10	WG	Specific Conductance	154	µS/cm	CAWA-10-26683
R-47i	8921	840	09/23/10	WG	Specific Conductance	154	µS/cm	CAWA-10-25908
R-47i	8921	840	09/23/10	WG	Specific Conductance	161	µS/cm	CAWA-10-26680
R-47i	8921	840	09/23/10	WG	Specific Conductance	166	µS/cm	CAWA-10-26678
R-47i	8921	840	09/23/10	WG	Specific Conductance	167	µS/cm	CAWA-10-26676
R-47i	8921	840	09/23/10	WG	Specific Conductance	161	µS/cm	CAWA-10-26674
R-47i	8921	840	09/23/10	WG	Specific Conductance	144	µS/cm	CAWA-10-26672
R-47i	8921	840	04/08/10	WG	Specific Conductance	173	µS/cm	CAWA-10-15220
R-47i	8921	840	12/21/09	WG	Specific Conductance	205	µS/cm	CAWA-10-6910
R-47i	8921	840	09/23/10	WG	Temperature	15.74	deg C	CAWA-10-26683
R-47i	8921	840	09/23/10	WG	Temperature	15.74	deg C	CAWA-10-25908
R-47i	8921	840	09/23/10	WG	Temperature	15.96	deg C	CAWA-10-26680
R-47i	8921	840	09/23/10	WG	Temperature	15.7	deg C	CAWA-10-26678
R-47i	8921	840	09/23/10	WG	Temperature	15.22	deg C	CAWA-10-26676
R-47i	8921	840	09/23/10	WG	Temperature	15.07	deg C	CAWA-10-26674
R-47i	8921	840	09/23/10	WG	Temperature	14.49	deg C	CAWA-10-26672
R-47i	8921	840	04/08/10	WG	Temperature	15.24	deg C	CAWA-10-15220
R-47i	8921	840	12/21/09	WG	Temperature	15.29	deg C	CAWA-10-6910
R-47i	8921	840	09/23/10	WG	Turbidity	1.91	NTU	CAWA-10-25908
R-47i	8921	840	09/23/10	WG	Turbidity	1.91	NTU	CAWA-10-26683
R-47i	8921	840	09/23/10	WG	Turbidity	1.87	NTU	CAWA-10-26680
R-47i	8921	840	09/23/10	WG	Turbidity	2.05	NTU	CAWA-10-26678
R-47i	8921	840	09/23/10	WG	Turbidity	1.38	NTU	CAWA-10-26676
R-47i	8921	840	09/23/10	WG	Turbidity	2.19	NTU	CAWA-10-26674
R-47i	8921	840	09/23/10	WG	Turbidity	1.52	NTU	CAWA-10-26672
R-47i	8921	840	04/08/10	WG	Turbidity	3.44	NTU	CAWA-10-15220
R-47i	8921	840	09/23/10	WG	pH	6.91	SU	CAWA-10-26683

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-47i	8921	840	09/23/10	WG	pH	6.91	SU	CAWA-10-25908
R-47i	8921	840	09/23/10	WG	pH	6.86	SU	CAWA-10-26680
R-47i	8921	840	09/23/10	WG	pH	6.83	SU	CAWA-10-26678
R-47i	8921	840	09/23/10	WG	pH	6.92	SU	CAWA-10-26676
R-47i	8921	840	09/23/10	WG	pH	6.87	SU	CAWA-10-26674
R-47i	8921	840	09/23/10	WG	pH	7.71	SU	CAWA-10-26672
R-47i	8921	840	04/08/10	WG	pH	7.15	SU	CAWA-10-15220
R-47i	8921	840	12/21/09	WG	pH	6.96	SU	CAWA-10-6910
R-48	8881	1500	09/22/10	WG	Dissolved Oxygen	6.08	mg/L	CAWA-10-25893
R-48	8881	1500	04/07/10	WG	Dissolved Oxygen	7.13	mg/L	CAWA-10-15226
R-48	8881	1500	02/17/10	WG	Dissolved Oxygen	5.67	mg/L	CAWA-10-13090
R-48	8881	1500	11/23/09	WG	Dissolved Oxygen	6.89	mg/L	CAWA-10-5475
R-48	8881	1500	09/22/10	WG	Oxidation Reduction Potential	57.9	mV	CAWA-10-25893
R-48	8881	1500	04/07/10	WG	Oxidation Reduction Potential	-57.1	mV	CAWA-10-15226
R-48	8881	1500	02/17/10	WG	Oxidation Reduction Potential	13.2	mV	CAWA-10-13090
R-48	8881	1500	11/23/09	WG	Oxidation Reduction Potential	217.5	mV	CAWA-10-5475
R-48	8881	1500	09/22/10	WG	Specific Conductance	138	µS/cm	CAWA-10-25893
R-48	8881	1500	04/07/10	WG	Specific Conductance	149	µS/cm	CAWA-10-15226
R-48	8881	1500	02/17/10	WG	Specific Conductance	148	µS/cm	CAWA-10-13090
R-48	8881	1500	09/22/10	WG	Temperature	20.07	deg C	CAWA-10-25893
R-48	8881	1500	04/07/10	WG	Temperature	18.81	deg C	CAWA-10-15226
R-48	8881	1500	02/17/10	WG	Temperature	19.24	deg C	CAWA-10-13090
R-48	8881	1500	11/23/09	WG	Temperature	19.79	deg C	CAWA-10-5475
R-48	8881	1500	09/22/10	WG	Turbidity	2.97	NTU	CAWA-10-25893
R-48	8881	1500	04/07/10	WG	Turbidity	8.27	NTU	CAWA-10-15226
R-48	8881	1500	02/17/10	WG	Turbidity	8.96	NTU	CAWA-10-13090
R-48	8881	1500	11/23/09	WG	Turbidity	9.54	NTU	CAWA-10-5475
R-48	8881	1500	09/22/10	WG	pH	7.46	SU	CAWA-10-25893

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-48	8881	1500	04/07/10	WG	pH	7.85	SU	CAWA-10-15226
R-48	8881	1500	02/17/10	WG	pH	7.34	SU	CAWA-10-13090
SWSC Spring	—	—	09/10/10	WG	Dissolved Oxygen	7.79	mg/L	CAWA-10-25722
SWSC Spring	—	—	04/09/10	WG	Dissolved Oxygen	7.46	mg/L	CAWA-10-14968
SWSC Spring	—	—	10/15/09	WG	Dissolved Oxygen	8.31	mg/L	CAWA-09-13702
SWSC Spring	—	—	03/24/09	WG	Dissolved Oxygen	14.63	mg/L	CAWA-09-5527
SWSC Spring	—	—	10/08/08	WG	Dissolved Oxygen	8.32	mg/L	CAWA-08-15954
SWSC Spring	—	—	09/10/10	WG	Specific Conductance	201	µS/cm	CAWA-10-25722
SWSC Spring	—	—	04/09/10	WG	Specific Conductance	288	µS/cm	CAWA-10-14968
SWSC Spring	—	—	10/15/09	WG	Specific Conductance	212	µS/cm	CAWA-09-13702
SWSC Spring	—	—	03/24/09	WG	Specific Conductance	211	µS/cm	CAWA-09-5527
SWSC Spring	—	—	10/08/08	WG	Specific Conductance	192.6	µS/cm	CAWA-08-15954
SWSC Spring	—	—	09/10/10	WG	Temperature	10.18	deg C	CAWA-10-25722
SWSC Spring	—	—	04/09/10	WG	Temperature	9.55	deg C	CAWA-10-14968
SWSC Spring	—	—	10/15/09	WG	Temperature	9.62	deg C	CAWA-09-13702
SWSC Spring	—	—	03/24/09	WG	Temperature	11.69	deg C	CAWA-09-5527
SWSC Spring	—	—	10/08/08	WG	Temperature	12	deg C	CAWA-08-15954
SWSC Spring	—	—	09/10/10	WG	Turbidity	6.95	NTU	CAWA-10-25722
SWSC Spring	—	—	04/09/10	WG	Turbidity	26.9	NTU	CAWA-10-14968
SWSC Spring	—	—	10/15/09	WG	Turbidity	20	NTU	CAWA-09-13702
SWSC Spring	—	—	03/24/09	WG	Turbidity	5.2	NTU	CAWA-09-5527
SWSC Spring	—	—	10/08/08	WG	Turbidity	5.87	NTU	CAWA-08-15954
SWSC Spring	—	—	09/10/10	WG	pH	6.82	SU	CAWA-10-25722
SWSC Spring	—	—	04/09/10	WG	pH	6.97	SU	CAWA-10-14968
SWSC Spring	—	—	10/15/09	WG	pH	6.9	SU	CAWA-09-13702
SWSC Spring	—	—	03/24/09	WG	pH	7.82	SU	CAWA-09-5527
SWSC Spring	—	—	10/08/08	WG	pH	6.72	SU	CAWA-08-15954
WCO-1r	8961	6	09/20/10	WG	Dissolved Oxygen	4	mg/L	CAWA-10-25771

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
WCO-1r	8961	6	09/20/10	WG	Oxidation Reduction Potential	317.3	mV	CAWA-10-25771
WCO-1r	8961	6	09/20/10	WG	Specific Conductance	219	µS/cm	CAWA-10-25771
WCO-1r	8961	6	09/20/10	WG	Temperature	13.31	deg C	CAWA-10-25771
WCO-1r	8961	6	09/20/10	WG	Turbidity	4.82	NTU	CAWA-10-25771
WCO-1r	8961	6	09/20/10	WG	pH	5.95	SU	CAWA-10-25771
Water Canyon Gallery	—	—	09/10/10	WG	Dissolved Oxygen	8.21	mg/L	CAWA-10-25725
Water Canyon Gallery	—	—	04/12/10	WG	Dissolved Oxygen	9.22	mg/L	CAWA-10-14965
Water Canyon Gallery	—	—	10/19/09	WG	Dissolved Oxygen	9.19	mg/L	CAWA-09-13696
Water Canyon Gallery	—	—	03/25/09	WG	Dissolved Oxygen	14.86	mg/L	CAWA-09-5523
Water Canyon Gallery	—	—	10/17/08	WG	Dissolved Oxygen	10.3	mg/L	CAWA-08-15944
Water Canyon Gallery	—	—	09/10/10	WG	Specific Conductance	86	µS/cm	CAWA-10-25725
Water Canyon Gallery	—	—	04/12/10	WG	Specific Conductance	96	µS/cm	CAWA-10-14965
Water Canyon Gallery	—	—	10/19/09	WG	Specific Conductance	81	µS/cm	CAWA-09-13696
Water Canyon Gallery	—	—	03/25/09	WG	Specific Conductance	69	µS/cm	CAWA-09-5523
Water Canyon Gallery	—	—	10/17/08	WG	Specific Conductance	89.6	µS/cm	CAWA-08-15944
Water Canyon Gallery	—	—	09/10/10	WG	Temperature	11.61	deg C	CAWA-10-25725
Water Canyon Gallery	—	—	04/12/10	WG	Temperature	10.5	deg C	CAWA-10-14965
Water Canyon Gallery	—	—	10/19/09	WG	Temperature	11.6	deg C	CAWA-09-13696
Water Canyon Gallery	—	—	03/25/09	WG	Temperature	11.79	deg C	CAWA-09-5523
Water Canyon Gallery	—	—	10/17/08	WG	Temperature	11.9	deg C	CAWA-08-15944
Water Canyon Gallery	—	—	09/10/10	WG	Turbidity	0.93	NTU	CAWA-10-25725
Water Canyon Gallery	—	—	04/12/10	WG	Turbidity	24.4	NTU	CAWA-10-14965
Water Canyon Gallery	—	—	10/19/09	WG	Turbidity	1.17	NTU	CAWA-09-13696
Water Canyon Gallery	—	—	10/17/08	WG	Turbidity	1.71	NTU	CAWA-08-15944
Water Canyon Gallery	—	—	04/03/08	WG	Turbidity	12.2	NTU	CAWA-08-11562
Water Canyon Gallery	—	—	04/12/10	WG	pH	6.69	SU	CAWA-10-14965
Water Canyon Gallery	—	—	10/19/09	WG	pH	4.25	SU	CAWA-09-13696
Water Canyon Gallery	—	—	03/25/09	WG	pH	7.66	SU	CAWA-09-5523

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Water Canyon Gallery	—	—	10/17/08	WG	pH	7.18	SU	CAWA-08-15944
Water above SR-501	—	—	09/10/10	WS	Dissolved Oxygen	6.3	mg/L	CAWA-10-25695
Water above SR-501	—	—	04/12/10	WS	Dissolved Oxygen	9.38	mg/L	CAWA-10-14930
Water above SR-501	—	—	10/16/09	WS	Dissolved Oxygen	7.7	mg/L	CAWA-09-13547
Water above SR-501	—	—	03/25/09	WS	Dissolved Oxygen	23.06	mg/L	CAWA-09-5482
Water above SR-501	—	—	10/17/08	WS	Dissolved Oxygen	7.1	mg/L	CAWA-08-15921
Water above SR-501	—	—	09/10/10	WS	Specific Conductance	129	µS/cm	CAWA-10-25695
Water above SR-501	—	—	04/12/10	WS	Specific Conductance	128	µS/cm	CAWA-10-14930
Water above SR-501	—	—	10/16/09	WS	Specific Conductance	104	µS/cm	CAWA-09-13547
Water above SR-501	—	—	03/25/09	WS	Specific Conductance	76	µS/cm	CAWA-09-5482
Water above SR-501	—	—	10/17/08	WS	Specific Conductance	127.7	µS/cm	CAWA-08-15921
Water above SR-501	—	—	09/10/10	WS	Temperature	11.8	deg C	CAWA-10-25695
Water above SR-501	—	—	04/12/10	WS	Temperature	7.23	deg C	CAWA-10-14930
Water above SR-501	—	—	10/16/09	WS	Temperature	10.29	deg C	CAWA-09-13547
Water above SR-501	—	—	03/25/09	WS	Temperature	6.6	deg C	CAWA-09-5482
Water above SR-501	—	—	10/17/08	WS	Temperature	10.8	deg C	CAWA-08-15921
Water above SR-501	—	—	09/10/10	WS	Turbidity	3.48	NTU	CAWA-10-25695
Water above SR-501	—	—	04/12/10	WS	Turbidity	29.1	NTU	CAWA-10-14930
Water above SR-501	—	—	10/16/09	WS	Turbidity	5.51	NTU	CAWA-09-13547
Water above SR-501	—	—	03/25/09	WS	Turbidity	9.68	NTU	CAWA-09-5482
Water above SR-501	—	—	10/17/08	WS	Turbidity	4.48	NTU	CAWA-08-15921
Water above SR-501	—	—	04/12/10	WS	pH	6.73	SU	CAWA-10-14930
Water above SR-501	—	—	10/16/09	WS	pH	6.49	SU	CAWA-09-13547

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Water above SR-501	—	—	03/25/09	WS	pH	6.49	SU	CAWA-09-5482
Water above SR-501	—	—	10/17/08	WS	pH	6.32	SU	CAWA-08-15921

[a] — = Not applicable.

[b] WS = Surface water.

[c] µS/cm = Microsiemens per centimeter.

[d] NTU = Nephelometric turbidity unit.

[e] SU = Standard unit.

[f] WG = Groundwater.

[g] mV = Millivolt.

Appendix B

Groundwater-Elevation Measurements
(on CD included with this document)

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.

%	percent
<	Based on qualifiers, the result was a nondetection.
—	none
*	(Inorganic) Duplicate analysis (relative percent difference) not within control limits
ARSL	American Radiation Services−Primary
B	(Organic) This analyte was present in the blank and the sample. (Inorganic) The reported value was obtained from a reading that was less than the contract-required detection limit but greater than or equal to the instrument detection limit.
CS	client sample
DL	dilution
DNX	dinitroso RDX (or hexahydro 1,3-nitro-1,3,5-triazine)
DUP	duplicate sample
E	(Organic) Analyte exceeded the concentration range. (Inorganic) The serial dilution was exceeded.
EPA	U.S. Environmental Protection Agency
EQB	equipment rinsate blank
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
F	filtered
FB	field blank
FD	field duplicate
FTB	field trip blank
GEL	General Engineering Laboratories, Inc.
GELC	General Engineering Laboratories, Inc., Charleston, SC
Geninorg	general inorganics
H	(Organic/Inorganic) The required extraction or analysis holding time for this result was exceeded.
Hexp, HEXP	high explosives
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
J	(Inorganic) The associated numerical value is an estimated quantity. (Organic) The associated numerical value is an estimated quantity.
J-	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.
J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
JN-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.
JN+	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected positive bias.
LLEE	low-level electrolytic extraction
MDA	minimum detectable activity

MDL	method detection limit
MNX	mononitrosodimethylamine
N	(Inorganic) Spiked sample recovery was not within control limits.
NJ	(Organic) Analyte has been tentatively identified, and the associated numerical value is estimated based upon 1:1 response factor to the nearest eluting internal standard.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
PARA	Paragon Analytics, Inc.
QC	quality control
R	The reported sample result is classified as rejected because of serious noncompliances regarding QC acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
Rad, RAD	radionuclides
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RE	reanalysis
REDP	reanalysis duplicate
SSC	suspended sediment concentration
STR	Severn Trent Laboratories, Richland, WA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SU	standard unit
Svoa	semivolatile organic analysis
TNX	trinitroso-RDX
TPU	total propagated uncertainty
TRP	triplicate
U	The analyte is classified as not detected
UF	unfiltered
UI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification.
UIL	University of Illinois
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.
UMTL	University of Miami Tritium Laboratory
UN	Recovery not within control limits.
UUI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification, and the analytical lab assigned these gamma spectroscopy results as not detected.
Voa	volatile organic analysis
WG	groundwater
WM	snowmelt
WP	persistent water
WS	surface water

Table C-1 Water Canyon 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
CDV-16-02657	5921	0.4	4/16/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	58.14	8.78E+00	1.63E+00	—	pCi/L	—	—	10-2850	CAWA-10-15293	ARSL
CDV-16-02657	5921	0.4	5/10/2007	WG	UF	CS	—	RAD	LLEE	Tritium	—	85.25	2.87E+00	2.87E-01	—	pCi/L	—	—	2340	UU07050CDV5701	UMTL
CDV-16-02657	5921	0.4	10/14/2004	WG	UF	CS	—	RAD	LLEE	Tritium	—	55.36	2.24E+00	5.54E+01	0.00E+00	pCi/L	—	—	2479S	RE16-04-53816	UMTL
CDV-16-02657	5921	0.4	7/10/2004	WG	UF	CS	—	RAD	LLEE	Tritium	—	150.4	5.44E+00	0.00E+00	0.00E+00	pCi/L	—	—	2197S	RE16-04-53403	UMTL
CDV-16-02657	5921	0.4	4/13/2004	WG	UF	CS	—	RAD	LLEE	Tritium	—	187.2	3.52E+00	0.00E+00	0.00E+00	pCi/L	—	—	2124S	RE16-04-53134	UMTL
Fish Ladder Spring	—	—	4/14/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	35.67	5.43E+00	1.85E+00	—	pCi/L	—	—	10-2850	CAWA-10-15922	ARSL
Fish Ladder Spring	—	—	4/2/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	48.21	1.60E+00	2.87E-01	—	pCi/L	—	—	09-1468	CAWA-09-5544	UMTL
Fish Ladder Spring	—	—	10/19/2007	WG	UF	CS	—	RAD	LLEE	Tritium	—	47.26	1.60E+00	2.87E-01	—	pCi/L	—	—	2415	UU071000SFLS01	UMTL
Fish Ladder Spring	—	—	5/11/2007	WG	UF	CS	—	RAD	LLEE	Tritium	—	87.17	2.87E+00	2.87E-01	—	pCi/L	—	—	2340	UU070500SFLS01	UMTL
Fish Ladder Spring	—	—	4/3/2006	WG	UF	CS	—	RAD	LLEE	Tritium	—	127.1	4.15E+00	2.87E-01	—	pCi/L	—	—	2198	UU06020SFLS01	UMTL
Peter Spring	—	—	4/19/2010	WG	UF	CS	—	RAD	LLEE	Tritium	—	56.74	8.56E+00	1.60E+00	—	pCi/L	—	—	10-2850	CAWA-10-16298	ARSL
Peter Spring	—	—	4/3/2006	WG	UF	CS	—	RAD	LLEE	Tritium	—	105.69	3.51E+00	2.87E-01	—	pCi/L	—	—	2198	UU06020GPTR01	UMTL
Peter Spring	—	—	11/9/2005	WG	UF	CS	—	RAD	LLEE	Tritium	—	102.18	3.51E+00	2.87E-01	—	pCi/L	—	—	2143	UU05100GPTR01	UMTL
Peter Spring	—	—	8/29/2005	WG	UF	CS	—	RAD	LLEE	Tritium	—	100.58	3.19E+00	2.87E-01	—	pCi/L	—	J	2114	UU05070GPTR01	UMTL
Peter Spring	—	—	4/13/2004	WS	UF	CS	—	RAD	LLEE	Tritium	—	218.24	4.48E+00	0.00E+00	0.00E+00	pCi/L	—	—	2119S	RE16-04-53118	UMTL
R-25b	8611	750	4/21/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	2.49	7.12E-01	1.92E+00	—	pCi/L	—	U	10-2950	CAWA-10-15174	ARSL
R-25b	8611	750	10/9/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	6.03	2.87E-01	2.87E-01	—	pCi/L	—	—	10-120	CAWA-09-14261	UMTL
R-25b	8611	750	6/8/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	6.26	2.87E-01	2.87E-01	—	pCi/L	—	—	09-2257	CAPA-09-9633	UMTL
R-25b	8611	750	1/5/2009	WG	UF	CS	—	RAD	LLEE	Tritium	—	3.61	2.87E-01	2.87E-01	—	pCi/L	—	—	09-618	CAPA-09-1753	UMTL
R-27i	8911	619	4/15/2010	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.45	6.39E-01	2.11E+00	—	pCi/L	U	U	10-2850	CAWA-10-15169	ARSL
R-27i	8911	619	12/11/2009	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.159	2.87E-01	2.87E-01	—	pCi/L	U	U	10-960	CAWA-10-5479	UMTL

Table C-2 Water Canyon 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
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.8	—	—	7.30E-01	mg/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.7	—	—	7.30E-01	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	42.5	—	—	7.30E-01	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.1	—	—	7.30E-01	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	04/04/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	38.1	—	—	7.30E-01	mg/L	—	—	08-937	CAWA-08-11549	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	5.00E-02	mg/L	—	—	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	5.00E-02	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	3.00E-02	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	3.00E-02	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	5.00E-02	mg/L	—	—	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	5.00E-02	mg/L	—	—	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	3.00E-02	mg/L	—	—	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	3.00E-02	mg/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	11.6	—	—	6.60E-02	mg/L	—	J+	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.4	—	—	6.60E-02	mg/L	—	J+	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	14.7	—	—	6.60E-02	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	15.6	—	—	6.60E-02	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	04/04/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	16.7	—	—	6.60E-02	mg/L	—	—	08-937	CAWA-08-11549	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.124	—	—	3.30E-02	mg/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.253	—	—	3.30E-02	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.133	—	—	3.30E-02	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.168	—	—	3.30E-02	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	04/04/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.111	—	—	3.30E-02	mg/L	—	—	08-937	CAWA-08-11549	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49.9	—	—	3.50E-01	mg/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.8	—	—	3.50E-01	mg/L	—	—	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.1	—	—	3.50E-01	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.9	—	—	3.50E-01	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.2	—	—	3.50E-01	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.6	—	—	3.50E-01	mg/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.3	—	—	3.50E-01	mg/L	—	—	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.7	—	—	3.50E-01	mg/L	—	—	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	3.50E-01	mg/L	—	—	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.6	—	—	3.50E-01	mg/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.21	—	—	8.50E-02	mg/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.32	—	—	8.50E-02	mg/L	E	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.2	—	—	8.50E-02	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.6	—	—	8.50E-02	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.34	—	—	8.50E-02	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.18	—	—	8.50E-02	mg/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.43	—	—	8.50E-02	mg/L	E	J	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.5	—	—	8.50E-02	mg/L	—	—	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.63	—	—	8.50E-02	mg/L	—	—	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.34	—	—	8.50E-02	mg/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0634	—	—	5.00E-02	ug/L	J	J	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0645	—	—	5.00E-02	ug/L	J	J	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.202	—	—	5.00E-02	ug/L	—	J	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0712	—	—	5.00E-02	ug/L	J	J	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	04/04/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.379	—	—	5.00E-02	ug/L	—	—	08-937	CAWA-08-11549	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.97	—	—	5.00E-02	mg/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.09	—	—	5.00E-02	mg/L	—	—	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.66	—	—	5.00E-02	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.92	—	—	5.00E-02	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.74	—	—	5.00E-02	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.97	—	—	5.00E-02	mg/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.25	—	—	5.00E-02	mg/L	—	—	10-2657	CAWA-10-14938	GELC

Table C-2 Water Canyon 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
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.81	—	—	5.00E-02	mg/L	—	—	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.08	—	—	5.00E-02	mg/L	—	—	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.76	—	—	5.00E-02	mg/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	1.00E-01	mg/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	1.00E-01	mg/L	—	—	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	1.00E-01	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	4.50E-02	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	1.00E-01	mg/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	1.00E-01	mg/L	—	—	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	1.00E-01	mg/L	—	—	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	4.50E-02	mg/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1.00E+00	uS/cm	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1.00E+00	uS/cm	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	uS/cm	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	181	—	—	1.00E+00	uS/cm	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.43	—	—	1.00E-01	mg/L	—	J+	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.95	—	—	1.00E-01	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.44	—	—	1.00E-01	mg/L	—	J-	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.06	—	—	1.00E-01	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	04/04/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.6	—	—	1.00E-01	mg/L	—	—	08-937	CAWA-08-11549	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	H	J-	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	117	—	—	2.40E+00	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	89	—	—	2.40E+00	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	J	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	04/04/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.40E+00	mg/L	—	J	08-937	CAWA-08-11549	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.263	—	—	3.30E-02	mg/L	—	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-177	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	04/04/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.196	—	—	2.90E-02	mg/L	—	J-	08-937	CAWA-08-11550	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.91	—	—	3.30E-01	mg/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.32	—	—	3.30E-01	mg/L	—	—	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.36	—	—	3.30E-01	mg/L	—	—	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.61	—	—	3.30E-01	mg/L	—	—	09-177	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	04/04/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.64	—	—	3.30E-01	mg/L	—	—	08-937	CAWA-08-11550	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J-	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	1.00E-02	SU	H	J-	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.86	—	—	1.00E-02	SU	H	J-	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.116	—	—	1.00E-01	ug/L	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.00E-01	ug/L	U	U	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.00E-01	ug/L	U	U	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.30E-01	ug/L	U	U	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.30E-01	ug/L	U	U	09-177	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.148	—	—	1.00E-01	ug/L	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	1.00E-01	ug/L	U	UJ	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.167	—	—	1.00E-01	ug/L	J	J	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	1.20E-01	ug/L	U	U	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.203	—	—	1.20E-01	ug/L	J	J	09-177	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.106	—	—	1.00E-01	ug/L	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Hexp	SW-846:8321	HMX	<	0.325	—	—	1.00E-01	ug/L	U	U	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.166	—	—	1.00E-01	ug/L	J	J	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Hexp	SW-846:8321	HMX	<	0.325	—	—	1.00E-01	ug/L	U	U	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.184	—	—	1.00E-01	ug/L	J	J	09-177	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	366	—	—	6.80E+01	ug/L	—	—	11-7	CAWA-10-25689	GELC

Table C-2 Water Canyon 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
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2900	—	—	6.80E+01	ug/L	—	—	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	116	—	—	6.80E+01	ug/L	J	J	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	772	—	—	6.80E+01	ug/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	203	—	—	6.80E+01	ug/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	599	—	—	6.80E+01	ug/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3340	—	—	6.80E+01	ug/L	—	—	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	174	—	—	6.80E+01	ug/L	J	J	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1810	—	—	6.80E+01	ug/L	—	—	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	514	—	—	6.80E+01	ug/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	66.2	—	—	1.00E+00	ug/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	82.4	—	—	1.00E+00	ug/L	—	—	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	64.2	—	—	1.00E+00	ug/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	59.6	—	—	1.00E+00	ug/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	65.2	—	—	1.00E+00	ug/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	67.4	—	—	1.00E+00	ug/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	88.5	—	—	1.00E+00	ug/L	—	—	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	68.3	—	—	1.00E+00	ug/L	—	—	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	64.6	—	—	1.00E+00	ug/L	—	—	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	65.2	—	—	1.00E+00	ug/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.38	—	—	3.00E+00	ug/L	J	J	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	211	—	—	3.00E+01	ug/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	1420	—	—	3.00E+01	ug/L	—	—	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	60.5	—	—	3.00E+01	ug/L	J	J	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	389	—	—	2.50E+01	ug/L	—	J	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	115	—	—	2.50E+01	ug/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	350	—	—	3.00E+01	ug/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	1550	—	—	3.00E+01	ug/L	—	—	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	85.9	—	—	3.00E+01	ug/L	J	J	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	921	—	—	2.50E+01	ug/L	—	J	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	265	—	—	2.50E+01	ug/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.09	—	—	2.00E+00	ug/L	J	J	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.2	—	—	2.00E+00	ug/L	—	—	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.25	—	—	2.00E+00	ug/L	J	J	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.46	—	—	2.00E+00	ug/L	J	J	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	8	—	—	2.00E+00	ug/L	J	J	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.86	—	—	2.00E+00	ug/L	J	J	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16.1	—	—	2.00E+00	ug/L	—	—	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.69	—	—	2.00E+00	ug/L	J	J	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.31	—	—	2.00E+00	ug/L	J	J	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.9	—	—	2.00E+00	ug/L	J	J	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.724	—	—	1.00E-01	ug/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.55	—	—	1.00E-01	ug/L	—	U	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.755	—	—	1.00E-01	ug/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.702	—	—	1.00E-01	ug/L	—	U	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.7	—	—	1.00E-01	ug/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.72	—	—	1.00E-01	ug/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.461	—	—	1.00E-01	ug/L	J	U	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.757	—	—	1.00E-01	ug/L	—	—	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.72	—	—	1.00E-01	ug/L	—	U	09-1448	CAWA-09-5511	GELC

Table C-2 Water Canyon 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
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.67	—	—	1.00E-01	ug/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.514	—	—	5.00E-01	ug/L	J	J	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.24	—	—	5.00E-01	ug/L	J	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.767	—	—	5.00E-01	ug/L	J	J	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.719	—	—	5.00E-01	ug/L	J	J	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.67	—	—	5.00E-01	ug/L	J	J	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.569	—	—	5.00E-01	ug/L	J	J	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.638	—	—	5.00E-01	ug/L	J	J	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.808	—	—	5.00E-01	ug/L	J	J	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.69	—	—	5.00E-01	ug/L	J	J	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.8	—	—	5.30E-02	mg/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.9	—	—	5.30E-02	mg/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.6	—	—	3.20E-02	mg/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	46	—	—	3.20E-02	mg/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	04/04/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.9	—	—	3.20E-02	mg/L	—	—	08-937	CAWA-08-11549	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.9	—	—	1.00E+00	ug/L	—	—	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.2	—	—	1.00E+00	ug/L	—	—	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.8	—	—	1.00E+00	ug/L	—	—	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	72.7	—	—	1.00E+00	ug/L	—	—	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	93	—	—	1.00E+00	ug/L	—	—	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.9	—	—	1.00E+00	ug/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.8	—	—	1.00E+00	ug/L	—	—	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.4	—	—	1.00E+00	ug/L	—	—	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	73.8	—	—	1.00E+00	ug/L	—	—	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.6	—	—	1.00E+00	ug/L	—	—	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.74	—	—	1.00E+00	ug/L	J	J	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.13	—	—	1.00E+00	ug/L	J	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.74	—	—	1.00E+00	ug/L	J	J	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.31	—	—	1.00E+00	ug/L	J	J	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1.00E+00	ug/L	J	J	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.68	—	—	1.00E+00	ug/L	J	J	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.49	—	—	1.00E+00	ug/L	J	J	10-2657	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1.00E+00	ug/L	J	J	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.09	—	—	1.00E+00	ug/L	J	J	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	ug/L	J	J	09-178	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00667	4.33E-03	7.80E-02	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	3.37E-03	5.07E-02	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00141	6.70E-04	2.22E-02	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0132	1.67E-03	3.20E-02	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00381	1.07E-03	4.40E-02	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00342	1.50E-03	3.20E-02	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00924	3.12E-03	4.86E-02	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0116	1.58E-03	2.10E-02	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.34	4.00E-01	3.50E+00	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.673	3.93E-01	3.75E+00	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.79	4.47E-01	4.00E+00	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.592	3.67E-01	3.90E+00	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.21	4.67E-01	4.20E+00	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.31	4.33E-01	4.40E+00	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.718	4.57E-01	4.48E+00	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.57	3.80E-01	3.97E+00	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.57	4.67E-01	4.80E+00	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.338	3.97E-01	3.86E+00	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.217	4.20E-01	4.03E+00	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.159	4.00E-01	4.10E+00	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.8	5.33E-01	4.70E+00	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC

Table C-2 Water Canyon 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
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.218	5.00E-01	4.70E+00	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.807	5.60E-01	5.41E+00	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.731	3.93E-01	3.63E+00	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.331	1.47E-01	2.42E+00	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	0.556	1.53E-01	1.56E+00	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.631	2.03E-01	2.20E+00	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.00163	2.07E-01	2.80E+00	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.106	1.54E-01	2.17E+00	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.15	1.98E-01	1.55E+00	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	6.15	3.83E-01	2.70E+00	—	pCi/L	—	J	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	5.11	3.67E-01	2.96E+00	—	pCi/L	—	J	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	4.33	3.20E-01	2.10E+00	—	pCi/L	—	—	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	5.5	4.67E-01	3.90E+00	—	pCi/L	—	—	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	5.19	3.50E-01	2.46E+00	—	pCi/L	—	J	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	3.71	3.06E-01	2.65E+00	—	pCi/L	—	J	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	31.8	1.73E+01	4.20E+01	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	84.6	1.51E+01	2.26E+02	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	60.1	1.53E+01	2.63E+02	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.65	2.53E+00	9.60E+00	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	2.29	6.00E-01	7.00E+00	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.5	5.33E+00	3.10E+01	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.2	1.07E+02	2.62E+02	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	87.5	3.90E+01	2.82E+02	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.86	2.93E+00	2.90E+01	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.195	3.32E+00	3.17E+01	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.725	3.05E+00	3.03E+01	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.8	9.00E-01	9.20E+00	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.9	3.33E+00	3.10E+01	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.7	2.17E+00	1.80E+01	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.5	3.77E+00	3.77E+01	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.93	3.63E+00	3.08E+01	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0213	5.67E-03	7.70E-02	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0119	2.66E-03	3.19E-02	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0061	2.03E-03	2.23E-02	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00395	2.10E-03	2.20E-02	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00187	3.00E-03	3.10E-02	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00348	1.83E-03	2.50E-02	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00441	2.75E-03	3.53E-02	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00404	1.65E-03	2.22E-02	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00531	5.33E-03	9.00E-02	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00398	1.33E-03	3.76E-02	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00609	2.03E-03	1.48E-02	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00198	1.13E-03	3.90E-02	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.77E-03	3.10E-02	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00348	1.83E-03	3.00E-02	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00881	2.55E-03	4.16E-02	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00808	2.33E-03	1.48E-02	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-45.7	6.00E+00	5.60E+01	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	34.1	5.10E+00	5.91E+01	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	26.9	5.60E+00	5.80E+01	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	34.8	6.00E+00	6.70E+01	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.57	6.33E+00	6.00E+01	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.3	6.00E+00	5.40E+01	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.43	5.93E+00	5.97E+01	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.3	5.63E+00	5.40E+01	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.88	4.67E-01	4.00E+00	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.63	4.10E-01	4.50E+00	—	pCi/L	U	U	196148	GF07100P252W01	GELC

Table C-2 Water Canyon 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
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.45	3.97E-01	3.41E+00	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.82	4.67E-01	3.70E+00	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.02	5.00E-01	5.10E+00	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.69	4.33E-01	4.70E+00	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.155	4.57E-01	4.52E+00	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.986	3.83E-01	3.47E+00	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.138	5.00E-02	5.00E-01	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.583	4.20E-02	3.64E-01	—	pCi/L	—	J	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0345	4.03E-02	4.14E-01	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00789	3.33E-02	3.70E-01	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0388	4.33E-02	4.50E-01	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.154	4.67E-02	4.90E-01	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.143	3.67E-02	3.63E-01	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0686	3.97E-02	4.03E-01	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	-0.0414	1.67E-02	4.80E-01	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0443	4.27E-03	5.56E-02	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0498	3.70E-03	4.23E-02	—	pCi/L	—	J	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.00438	2.93E-03	4.30E-02	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0195	2.57E-03	6.60E-02	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	-0.00484	9.00E-03	1.70E-01	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0125	4.37E-03	4.69E-02	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0379	3.10E-03	3.83E-02	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0171	1.00E-02	2.50E-01	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.48E-03	4.31E-02	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00985	1.65E-03	4.31E-02	—	pCi/L	U	U	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00318	1.07E-03	3.30E-02	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00694	2.33E-03	3.40E-02	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.012	6.33E-03	8.90E-02	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0231	4.13E-03	3.63E-02	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	1.68E-03	3.91E-02	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0553	1.83E-02	2.60E-01	—	pCi/L	U	U	09-179	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0295	3.33E-03	4.87E-02	—	pCi/L	U	U	196148	GF07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0418	3.15E-03	2.99E-02	—	pCi/L	—	J	179921	GF07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0231	2.63E-03	2.60E-02	—	pCi/L	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0112	2.33E-03	4.10E-02	—	pCi/L	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0194	6.33E-03	9.00E-02	—	pCi/L	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	—	10/18/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0083	4.37E-03	4.10E-02	—	pCi/L	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	—	01/30/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0181	1.93E-03	2.71E-02	—	pCi/L	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	—	09/24/10	WS	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.55	—	—	3.00E-01	ug/L	J	J	11-7	CAWA-10-25690	GELC
Between E252 and Water at Beta	—	—	04/02/10	WS	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	—	10/20/09	WS	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	—	04/10/09	WS	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	—	10/24/08	WS	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-177	CAWA-08-15933	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.3	—	—	7.30E-01	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.6	—	—	7.30E-01	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.8	—	—	7.30E-01	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.4	—	—	7.30E-01	mg/L	—	—	09-53	CAWA-08-15957	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.027	—	—	1.60E-02	mg/L	J	J-	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-53	CAWA-08-15957	GELC
Burning Ground Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.25	—	—	1.50E-01	mg/L	U	U	08-895	CAWA-08-11568	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	5.00E-02	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.6	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.7	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	3.00E-02	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	5.00E-02	mg/L	—	—	10-4543	CAWA-10-25704	GELC

Table C-2 Water Canyon 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
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.8	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.6	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.2	—	—	3.00E-02	mg/L	—	—	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.8	—	—	6.60E-02	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.5	—	—	6.60E-02	mg/L	—	J+	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	RE	—	Geninorg	EPA:300.0	Chloride	—	19.5	—	—	6.60E-02	mg/L	—	J+	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	23.8	—	—	1.30E-01	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.7	—	—	6.60E-02	mg/L	—	J+	09-53	CAWA-08-15957	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.145	—	—	3.30E-02	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.262	—	—	3.30E-02	mg/L	—	R	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.112	—	—	3.30E-02	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.179	—	—	3.30E-02	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.179	—	—	3.30E-02	mg/L	—	—	09-53	CAWA-08-15957	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.3	—	—	3.50E-01	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	88.7	—	—	3.50E-01	mg/L	—	—	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	69.5	—	—	3.50E-01	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.2	—	—	3.50E-01	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.5	—	—	3.50E-01	mg/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	86	—	—	3.50E-01	mg/L	—	—	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	69	—	—	3.50E-01	mg/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64.9	—	—	3.50E-01	mg/L	—	—	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.03	—	—	8.50E-02	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.2	—	—	8.50E-02	mg/L	—	—	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.55	—	—	8.50E-02	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.46	—	—	8.50E-02	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.25	—	—	8.50E-02	mg/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.06	—	—	8.50E-02	mg/L	—	—	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.47	—	—	8.50E-02	mg/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.34	—	—	8.50E-02	mg/L	—	—	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.849	—	—	1.00E-01	mg/L	—	J	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.12	—	—	5.00E-02	mg/L	—	J	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.15	—	—	5.00E-02	mg/L	—	J+	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.995	—	—	5.00E-02	mg/L	—	J	09-53	CAWA-08-15957	GELC
Burning Ground Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.7	—	—	5.00E-02	mg/L	—	—	08-895	CAWA-08-11568	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.592	—	—	5.00E-02	ug/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.715	—	—	5.00E-02	ug/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.612	—	—	5.00E-02	ug/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.654	—	—	5.00E-02	ug/L	—	—	09-53	CAWA-08-15957	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.05	—	—	5.00E-02	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.88	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.15	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.29	—	—	5.00E-02	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.1	—	—	5.00E-02	mg/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.74	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.17	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.23	—	—	5.00E-02	mg/L	—	—	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	1.00E-01	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.7	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.1	—	—	1.00E-01	mg/L	E	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.1	—	—	4.50E-02	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	1.00E-01	mg/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.9	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	1.00E-01	mg/L	E	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.6	—	—	4.50E-02	mg/L	—	—	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	213	—	—	1.00E+00	uS/cm	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	229	—	—	1.00E+00	uS/cm	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	228	—	—	1.00E+00	uS/cm	—	—	09-1273	CAWA-09-5530	GELC

Table C-2 Water Canyon 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
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.35	—	—	1.00E-01	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.32	—	—	1.00E-01	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	RE	—	Geninorg	EPA:300.0	Sulfate	—	7.32	—	—	1.00E-01	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.35	—	—	1.00E-01	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.77	—	—	1.00E-01	mg/L	—	—	09-53	CAWA-08-15957	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.40E+00	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	171	—	—	2.40E+00	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.40E+00	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.40E+00	mg/L	—	—	09-53	CAWA-08-15957	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.93	—	—	3.30E-01	mg/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.13	—	—	3.30E-01	mg/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.38	—	—	3.30E-01	mg/L	—	—	09-1272	CAWA-09-5533	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	2.56	—	—	3.30E-01	mg/L	—	U	09-53	CAWA-08-15956	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.65	—	—	1.00E-02	SU	H	J-	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	1.00E-02	SU	H	J-	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.34	—	—	1.00E-02	SU	H	J-	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.265	—	—	1.00E-01	ug/L	J	J	10-4542	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.362	—	—	1.00E-01	ug/L	—	—	10-2716	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.804	—	—	1.00E-01	ug/L	—	—	10-147	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.521	—	—	1.30E-01	ug/L	—	—	09-1272	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.292	—	—	1.00E-01	ug/L	J	J	10-4542	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.444	—	—	1.00E-01	ug/L	—	—	10-2716	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.724	—	—	1.00E-01	ug/L	—	—	10-147	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.409	—	—	1.20E-01	ug/L	—	—	09-1272	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.914	—	—	1.00E-01	ug/L	—	—	10-4542	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	4.53	—	—	1.00E-01	ug/L	—	—	10-2716	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	2.7	—	—	1.00E-01	ug/L	—	—	10-147	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	2.95	—	—	1.00E-01	ug/L	—	—	09-1272	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	12.5	—	—	1.00E-01	ug/L	—	—	10-4542	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	38.1	—	—	1.00E+00	ug/L	—	—	10-2716	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	37.5	—	—	1.00E+00	ug/L	—	J	10-147	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	28.9	—	—	6.50E-01	ug/L	—	J	09-1272	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.687	—	—	1.00E-01	ug/L	—	—	10-4542	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	2.79	—	—	1.00E-01	ug/L	—	—	10-2716	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	2.12	—	—	1.00E-01	ug/L	—	—	10-147	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	1.82	—	—	1.00E-01	ug/L	—	—	09-1272	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	484	—	—	6.80E+01	ug/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1670	—	—	6.80E+01	ug/L	N*	J+	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	449	—	—	6.80E+01	ug/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	255	—	—	6.80E+01	ug/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	635	—	—	6.80E+01	ug/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1840	—	—	6.80E+01	ug/L	N*	J+	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	454	—	—	6.80E+01	ug/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	497	—	—	6.80E+01	ug/L	—	—	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	169	—	—	1.00E+00	ug/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	265	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	165	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	173	—	—	1.00E+00	ug/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	175	—	—	1.00E+00	ug/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	271	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	166	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	170	—	—	1.00E+00	ug/L	—	—	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	2.50E+00	ug/L	J	J	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	2.33	—	—	1.50E+00	ug/L	J	U	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.17	—	—	2.50E+00	ug/L	J	J	10-4543	CAWA-10-25704	GELC

Table C-2 Water Canyon 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
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.78	—	—	1.50E+00	ug/L	J	U	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	219	—	—	3.00E+01	ug/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	783	—	—	3.00E+01	ug/L	*	J	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	199	—	—	3.00E+01	ug/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	123	—	—	2.50E+01	ug/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	290	—	—	3.00E+01	ug/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	855	—	—	3.00E+01	ug/L	*	J	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	190	—	—	3.00E+01	ug/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	210	—	—	2.50E+01	ug/L	—	—	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.71	—	—	2.00E+00	ug/L	J	J	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2.00E+00	ug/L	J	J	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.34	—	—	2.00E+00	ug/L	J	J	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.623	—	—	1.00E-01	ug/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.651	—	—	1.00E-01	ug/L	—	U	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.771	—	—	1.00E-01	ug/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.629	—	—	1.00E-01	ug/L	—	U	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.627	—	—	1.00E-01	ug/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.575	—	—	1.00E-01	ug/L	—	U	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.739	—	—	1.00E-01	ug/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.56	—	—	1.00E-01	ug/L	—	U	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.44	—	—	5.00E-01	ug/L	J	J	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.75	—	—	5.00E-01	ug/L	—	—	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.44	—	—	5.00E-01	ug/L	J	J	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.51	—	—	5.00E-01	ug/L	J	J	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.59	—	—	5.00E-01	ug/L	J	J	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.38	—	—	5.00E-01	ug/L	—	—	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.66	—	—	5.00E-01	ug/L	J	J	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.65	—	—	5.00E-01	ug/L	J	J	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.6	—	—	5.30E-02	mg/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.2	—	—	5.30E-02	mg/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.8	—	—	3.20E-02	mg/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.9	—	—	3.20E-02	mg/L	N	J-	09-53	CAWA-08-15957	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1.00E+00	ug/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	160	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	121	—	—	1.00E+00	ug/L	—	—	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	ug/L	—	—	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.334	—	—	5.00E-02	ug/L	—	—	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.323	—	—	5.00E-02	ug/L	—	U	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.568	—	—	5.00E-02	ug/L	—	—	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.385	—	—	5.00E-02	ug/L	—	U	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.398	—	—	5.00E-02	ug/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.461	—	—	5.00E-02	ug/L	—	U	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.562	—	—	5.00E-02	ug/L	—	—	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.465	—	—	5.00E-02	ug/L	—	U	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1.00E+00	ug/L	J	J	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.42	—	—	1.00E+00	ug/L	J	J	10-2717	CAWA-10-14970	GELC
Burning Ground Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.37	—	—	1.00E+00	ug/L	J	J	10-148	CAWA-09-13705	GELC

Table C-2 Water Canyon 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
Burning Ground Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.93	—	—	1.00E+00	ug/L	J	J	09-1273	CAWA-09-5530	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.95	—	—	1.00E+00	ug/L	J	J	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.04	—	—	1.00E+00	ug/L	J	J	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.58	—	—	1.00E+00	ug/L	J	J	10-148	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.14	—	—	1.00E+00	ug/L	J	J	09-1273	CAWA-09-5533	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0117	4.00E-03	2.70E-02	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00221	1.45E-03	3.90E-02	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00398	2.13E-03	1.91E-02	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0051	1.20E-03	3.70E-02	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00462	1.33E-03	3.40E-02	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000126	4.33E-03	3.00E-02	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00447	2.50E-03	3.71E-02	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0141	2.24E-03	1.98E-02	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.966	4.67E-01	4.20E+00	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.24	5.27E-01	5.14E+00	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.651	2.40E-01	2.39E+00	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.28	5.33E-01	5.60E+00	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.57	5.33E-01	4.00E+00	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.662	3.33E-01	3.30E+00	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.937	5.20E-01	4.87E+00	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.22	2.15E-01	2.06E+00	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.14	4.67E-01	5.30E+00	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.732	5.20E-01	5.33E+00	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.492	2.25E-01	2.28E+00	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.32	4.67E-01	5.20E+00	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.33	5.00E-01	5.90E+00	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.34	3.67E-01	4.10E+00	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.282	4.53E-01	4.59E+00	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.136	2.41E-01	2.39E+00	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.749	2.99E-01	3.37E+00	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.282	1.97E-01	2.36E+00	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.08	2.23E-01	2.00E+00	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.39	3.17E-01	2.30E+00	—	pCi/L	—	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.14	1.28E-01	1.08E+00	—	pCi/L	—	J	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.821	2.79E-01	2.99E+00	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.86	2.69E-01	2.29E+00	—	pCi/L	—	J	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.23	3.28E-01	2.63E+00	—	pCi/L	—	J	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.03	2.23E-01	2.20E+00	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.77	2.50E-01	1.90E+00	—	pCi/L	—	—	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.66	3.87E-01	3.29E+00	—	pCi/L	—	J	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.07	3.15E-01	2.69E+00	—	pCi/L	—	J	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	29.5	1.10E+01	7.00E+01	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	69.7	1.92E+01	2.16E+02	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	56.2	1.58E+01	1.88E+02	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	31.3	2.97E+00	2.80E+01	—	pCi/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	59.7	1.20E+01	8.20E+01	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17	3.67E+00	2.80E+01	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	95.1	1.63E+01	2.58E+02	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	52.5	1.24E+01	1.28E+02	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.01	2.70E+00	2.80E+01	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.3	3.50E+00	3.47E+01	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.35	1.62E+00	1.59E+01	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.14	1.20E+00	1.20E+01	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.19	3.33E+00	3.20E+01	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.2	3.33E+00	3.40E+01	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.74	3.73E+00	3.13E+01	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.4	1.56E+00	1.47E+01	—	pCi/L	U	U	179923	GU070100GSGB01	GELC

Table C-2 Water Canyon 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
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00166	1.23E-03	2.50E-02	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00551	4.70E-03	4.81E-02	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00229	3.14E-03	2.51E-02	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.67E-04	2.30E-02	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.33E-04	3.10E-02	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00871	2.67E-03	2.60E-02	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0131	2.86E-03	3.26E-02	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00433	4.10E-03	2.38E-02	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00166	1.23E-03	2.90E-02	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.011	2.91E-03	4.52E-02	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00686	2.02E-03	1.67E-02	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.67E-03	3.30E-02	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	6.33E-04	3.00E-02	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0157	1.93E-03	3.00E-02	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0056	1.39E-03	3.06E-02	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0108	2.17E-03	1.58E-02	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	45.5	5.67E+00	3.40E+01	—	pCi/L	UI	R	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.88	5.93E+00	5.63E+01	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.39	4.23E+00	2.26E+01	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.7	7.33E+00	7.80E+01	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.5	6.33E+00	6.80E+01	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.7	5.67E+00	5.60E+01	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.38	6.23E+00	6.55E+01	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.8	4.23E+00	2.12E+01	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.127	4.67E-01	4.50E+00	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.18	4.67E-01	4.66E+00	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.00388	2.17E-01	2.12E+00	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.984	5.00E-01	4.80E+00	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.87	5.33E-01	5.00E+00	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.39	3.67E-01	4.20E+00	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.51	5.00E-01	4.59E+00	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.294	2.39E-01	2.31E+00	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.25	5.00E-02	4.80E-01	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.147	4.63E-02	4.79E-01	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.073	4.27E-02	4.34E-01	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.119	4.67E-02	4.80E-01	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.178	4.33E-02	4.40E-01	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.254	5.00E-02	4.80E-01	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.128	3.63E-02	4.92E-01	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.005	4.20E-02	4.30E-01	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.133	1.07E-02	1.90E-01	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.214	8.20E-03	4.47E-02	—	pCi/L	—	—	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.2	7.70E-03	3.92E-02	—	pCi/L	—	—	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.288	1.33E-02	9.60E-02	—	pCi/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.265	1.03E-02	7.00E-02	—	pCi/L	—	—	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.455	1.87E-02	1.60E-01	—	pCi/L	—	—	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.223	8.47E-03	4.66E-02	—	pCi/L	—	—	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.221	8.23E-03	3.98E-02	—	pCi/L	—	—	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	3.10E-03	9.80E-02	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00734	2.16E-03	3.46E-02	—	pCi/L	U	U	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00229	2.29E-03	4.00E-02	—	pCi/L	U	U	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00883	2.97E-03	4.80E-02	—	pCi/L	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0156	2.37E-03	3.60E-02	—	pCi/L	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0284	5.67E-03	8.40E-02	—	pCi/L	U	U	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	3.04E-10	1.70E-03	3.61E-02	—	pCi/L	U	U	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0186	2.21E-03	4.06E-02	—	pCi/L	U	U	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	10/07/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0961	9.00E-03	1.00E-01	—	pCi/L	U	U	09-54	CAWA-08-15957	GELC

Table C-2 Water Canyon 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
Burning Ground Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.141	6.27E-03	3.91E-02	—	pCi/L	—	—	196215	GF071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.115	5.47E-03	2.78E-02	—	pCi/L	—	—	179923	GF070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.154	9.00E-03	4.20E-02	—	pCi/L	—	—	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.179	7.67E-03	4.30E-02	—	pCi/L	—	—	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.188	1.13E-02	8.90E-02	—	pCi/L	—	—	09-54	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.116	5.80E-03	4.08E-02	—	pCi/L	—	—	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	01/29/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.141	6.17E-03	2.82E-02	—	pCi/L	—	—	179923	GU070100GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	2.18	—	—	2.10E+00	ug/L	J	J	10-4542	CAWA-10-25704	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.8	—	—	2.40E+00	ug/L	U	U	10-147	CAWA-09-13703	GELC
Burning Ground Spring	—	—	10/07/08	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.10E+00	ug/L	U	U	09-52	CAWA-08-15956	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.4	—	—	2.08E+00	ug/L	U	—	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	10/19/07	WG	UF	RE	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.17E+00	ug/L	U	—	196215	GU071000GSGB01	GELC
Burning Ground Spring	—	—	05/15/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	ug/L	U	—	186218	GU070500GSGB01	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.42	—	—	3.00E-01	ug/L	—	J-	10-4542	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.51	—	—	3.00E-01	ug/L	—	—	10-2716	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.45	—	—	3.00E-01	ug/L	—	—	10-147	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.33	—	—	4.50E-01	ug/L	—	—	09-1272	CAWA-09-5533	GELC
Burning Ground Spring	—	—	09/10/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.6	—	—	2.50E-01	ug/L	—	J-	10-4542	CAWA-10-25704	GELC
Burning Ground Spring	—	—	04/09/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.34	—	—	2.50E-01	ug/L	—	—	10-2716	CAWA-10-14972	GELC
Burning Ground Spring	—	—	10/15/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.51	—	—	2.50E-01	ug/L	—	—	10-147	CAWA-09-13703	GELC
Burning Ground Spring	—	—	03/24/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.61	—	—	2.50E-01	ug/L	—	—	09-1272	CAWA-09-5533	GELC
CDV-16-02655	5901	2.3	04/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	496	—	—	1.00E+00	uS/cm	—	—	10-2743	CAWA-10-15290	GELC
CDV-16-02655	5901	2.3	04/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	678	—	—	1.00E+00	uS/cm	—	—	09-1359	CAWA-09-5562	GELC
CDV-16-02655	5901	2.3	03/31/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	672	—	—	1.00E+00	uS/cm	—	—	08-888	CAWA-08-11621	GELC
CDV-16-02655	5901	2.3	04/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	1.00E-02	SU	H	J-	10-2743	CAWA-10-15290	GELC
CDV-16-02655	5901	2.3	04/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	1.00E-02	SU	H	J-	09-1359	CAWA-09-5562	GELC
CDV-16-02655	5901	2.3	03/31/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.32	—	—	1.00E-02	SU	H	J-	08-888	CAWA-08-11621	GELC
CDV-16-02655	5901	2.3	09/09/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.2	—	—	3.00E-01	ug/L	—	—	10-4510	CAWA-10-25728	GELC
CDV-16-02655	5901	2.3	04/13/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	0.437	—	—	3.00E-01	ug/L	J	J	10-2742	CAWA-10-15291	GELC
CDV-16-02655	5901	2.3	04/01/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	<	1	—	—	4.50E-01	ug/L	U	U	09-1358	CAWA-09-5563	GELC
CDV-16-02655	5901	2.3	03/31/08	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	<	1	—	—	2.50E-01	ug/L	U	U	08-888	CAWA-08-11623	GELC
CDV-16-02655	5901	2.3	09/09/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.34	—	—	2.50E-01	ug/L	J	J	10-4510	CAWA-10-25728	GELC
CDV-16-02655	5901	2.3	04/13/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	<	1	—	—	2.50E-01	ug/L	U	U	10-2742	CAWA-10-15291	GELC
CDV-16-02655	5901	2.3	04/01/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	<	1	—	—	2.50E-01	ug/L	U	U	09-1358	CAWA-09-5563	GELC
CDV-16-02655	5901	2.3	03/31/08	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	<	1	—	—	2.50E-01	ug/L	U	U	08-888	CAWA-08-11623	GELC
CDV-16-02656	5911	3	10/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	219	—	—	1.00E+00	uS/cm	—	—	10-99	CAWA-09-13774	GELC
CDV-16-02656	5911	3	03/30/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	211	—	—	1.00E+00	uS/cm	—	—	09-1327	CAWA-09-5548	GELC
CDV-16-02656	5911	3	10/07/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	213	—	—	1.00E+00	uS/cm	—	—	09-53	CAWA-08-15976	GELC
CDV-16-02656	5911	3	10/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.78	—	—	1.00E-02	SU	H	J-	10-99	CAWA-09-13774	GELC
CDV-16-02656	5911	3	03/30/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.71	—	—	1.00E-02	SU	H	J-	09-1327	CAWA-09-5548	GELC
CDV-16-02656	5911	3	10/07/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.52	—	—	1.00E-02	SU	H	J-	09-53	CAWA-08-15976	GELC
CDV-16-02656	5911	3	09/17/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.231	—	—	1.00E-01	ug/L	J	J	10-4661	CAWA-10-25732	GELC
CDV-16-02656	5911	3	04/16/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.21	—	—	1.00E-01	ug/L	—	—	10-2807	CAWA-10-15277	GELC
CDV-16-02656	5911	3	10/09/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	<	0.325	—	—	1.00E-01	ug/L	U	U	10-98	CAWA-09-13776	GELC
CDV-16-02656	5911	3	03/30/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.308	—	—	1.00E-01	ug/L	J	J	09-1326	CAWA-09-5549	GELC
CDV-16-02656	5911	3	10/07/08	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.975	—	—	1.00E-01	ug/L	—	J+	09-52	CAWA-08-15975	GELC
CDV-16-02656	5911	3	09/17/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.245	—	—	1.00E-01	ug/L	J	J	10-4661	CAWA-10-25732	GELC
CDV-16-02656	5911	3	04/16/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	6.05	—	—	1.00E-01	ug/L	—	—	10-2807	CAWA-10-15277	GELC
CDV-16-02656	5911	3	10/09/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	<	0.325	—	—	1.00E-01	ug/L	U	U	10-98	CAWA-09-13776	GELC
CDV-16-02656	5911	3	03/30/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.224	—	—	1.30E-01	ug/L	J	J	09-1326	CAWA-09-5549	GELC
CDV-16-02656	5911	3	10/07/08	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	1.05	—	—	1.30E-01	ug/L	—	J+	09-52	CAWA-08-15975	GELC
CDV-16-02656	5911	3	09/17/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	4.99	—	—	2.20E+00	ug/L	J	J	10-4661	CAWA-10-25732	GELC
CDV-16-02656	5911	3	10/09/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	12.8	—	—	2.60E+00	ug/L	U	U	10-98	CAWA-09-13776	GELC
CDV-16-02656	5911	3	10/07/08	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.2	—	—	2.30E+00	ug/L	U	U	09-52	CAWA-08-15975	GELC
CDV-16-02656	5911	3	10/29/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.1	—	—	2.22E+00	ug/L	U	—	196688	GU07100CDV5601	GELC
CDV-16-02656	5911	3	09/17/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.33	—	—	3.00E-01	ug/L	J	J	10-4661	CAWA-10-25730	GELC
CDV-16-02656	5911	3	04/16/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	10-2807	CAWA-10-15277	GELC

Table C-2 Water Canyon 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
CDV-16-02656	5911	3	10/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-98	CAWA-09-13776	GELC
CDV-16-02656	5911	3	03/30/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-1326	CAWA-09-5549	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	96.9	—	—	7.30E-01	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	91.3	—	—	7.30E-01	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.5	—	—	7.30E-01	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93.7	—	—	7.30E-01	mg/L	—	—	09-61	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.2	—	—	5.00E-02	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	5.00E-02	mg/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	5.00E-02	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.8	—	—	3.00E-02	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	5.00E-02	mg/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	5.00E-02	mg/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	5.00E-02	mg/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	3.00E-02	mg/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.9	—	—	6.60E-02	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.1	—	—	1.30E-01	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.8	—	—	1.30E-01	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	16.9	—	—	6.60E-02	mg/L	—	—	09-61	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.172	—	—	3.30E-02	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.285	—	—	3.30E-02	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.18	—	—	3.30E-02	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.203	—	—	3.30E-02	mg/L	—	—	09-61	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	84.4	—	—	3.50E-01	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.2	—	—	3.50E-01	mg/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	81.5	—	—	3.50E-01	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.1	—	—	3.50E-01	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.2	—	—	3.50E-01	mg/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.4	—	—	3.50E-01	mg/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.7	—	—	3.50E-01	mg/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.1	—	—	3.50E-01	mg/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.41	—	—	8.50E-02	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.97	—	—	8.50E-02	mg/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.4	—	—	8.50E-02	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.77	—	—	8.50E-02	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.26	—	—	8.50E-02	mg/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.03	—	—	8.50E-02	mg/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.25	—	—	8.50E-02	mg/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.62	—	—	8.50E-02	mg/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.21	—	—	5.00E-02	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.3	—	—	5.00E-02	mg/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.88	—	—	5.00E-02	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.23	—	—	5.00E-02	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.1	—	—	5.00E-02	mg/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.34	—	—	5.00E-02	mg/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.86	—	—	5.00E-02	mg/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.22	—	—	5.00E-02	mg/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.2	—	—	1.00E-01	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.3	—	—	1.00E-01	mg/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.3	—	—	1.00E-01	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	4.50E-02	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	1.00E-01	mg/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.8	—	—	1.00E-01	mg/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	1.00E-01	mg/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	4.50E-02	mg/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	281	—	—	1.00E+00	uS/cm	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	260	—	—	1.00E+00	uS/cm	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	224	—	—	1.00E+00	uS/cm	—	—	09-1312	CAWA-09-5555	GELC

Table C-2 Water Canyon 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
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.45	—	—	1.00E-01	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.79	—	—	1.00E-01	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.43	—	—	1.00E-01	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.31	—	—	1.00E-01	mg/L	—	—	09-61	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	191	—	—	2.40E+00	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.40E+00	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.40E+00	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	178	—	—	2.40E+00	mg/L	—	—	09-61	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.158	—	—	3.30E-02	mg/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.109	—	—	3.30E-02	mg/L	—	J-	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	09-1311	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.262	—	—	2.90E-02	mg/L	—	J+	09-60	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	03/31/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.161	—	—	2.90E-02	mg/L	—	J+	08-888	CAWA-08-11641	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.65	—	—	3.30E-01	mg/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.05	—	—	3.30E-01	mg/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.73	—	—	3.30E-01	mg/L	—	—	09-1311	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.21	—	—	3.30E-01	mg/L	—	—	09-60	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.77	—	—	1.00E-02	SU	H	J-	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7	—	—	1.00E-02	SU	H	J-	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.9	—	—	1.00E-02	SU	H	J-	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	DL	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	3.8	—	—	1.00E-01	ug/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	1.37	—	—	1.00E-01	ug/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	3.88	—	—	1.00E-01	ug/L	—	—	10-75	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	2.08	—	—	1.30E-01	ug/L	—	J	09-1311	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	DL	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	2.74	—	—	1.00E-01	ug/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	1.16	—	—	1.00E-01	ug/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	3.27	—	—	1.00E-01	ug/L	—	J	10-75	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	1.86	—	—	1.20E-01	ug/L	—	—	09-1311	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Hexp	SW-846:8330	DNX	—	0.44	—	—	6.90E-02	ug/L	JP	J	10-4526	CAWA-10-25738	STSL
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Hexp	SW-846:8330	DNX	<	0.5	—	—	6.90E-02	ug/L	U	U	10-2729	CAWA-10-15282	STSL
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Hexp	SW-846:8330	DNX	—	0.42	—	—	6.90E-02	ug/L	JP	J-	10-77	CAWA-09-13798	STSL
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Hexp	SW-846:8330	DNX	—	0.27	—	—	6.90E-02	ug/L	J	J	09-1310	CAWA-09-5554	STSL
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	20.9	—	—	5.20E-01	ug/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	DL	—	Hexp	SW-846:8321	HMX	—	25.6	—	—	5.20E-01	ug/L	—	J	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	DL	—	Hexp	SW-846:8321	HMX	—	16.1	—	—	2.60E-01	ug/L	—	—	10-75	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	DL	—	Hexp	SW-846:8321	HMX	—	19.9	—	—	2.60E-01	ug/L	—	J	09-1311	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	1	—	—	9.10E-02	ug/L	—	—	10-4526	CAWA-10-25738	STSL
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	1.3	—	—	9.10E-02	ug/L	—	—	10-2729	CAWA-10-15282	STSL
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.96	—	—	9.10E-02	ug/L	—	J-	10-77	CAWA-09-13798	STSL
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.62	—	—	9.10E-02	ug/L	—	J	09-1310	CAWA-09-5554	STSL
CDV-16-02659	5941	1.7	09/09/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	12.7	—	—	1.00E-01	ug/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	18	—	—	5.20E-01	ug/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	13.5	—	—	2.60E-01	ug/L	—	J	10-75	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	15.4	—	—	3.30E-01	ug/L	—	J	09-1311	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.5	—	—	8.20E-02	ug/L	—	—	10-4526	CAWA-10-25738	STSL
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	10-2729	CAWA-10-15282	STSL
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	1	—	—	8.20E-02	ug/L	P	J-	10-77	CAWA-09-13798	STSL
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.3	—	—	8.20E-02	ug/L	J	J	09-1310	CAWA-09-5554	STSL
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	130	—	—	6.80E+01	ug/L	J	J	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	367	—	—	6.80E+01	ug/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	174	—	—	6.80E+01	ug/L	J	J	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	321	—	—	6.80E+01	ug/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	164	—	—	6.80E+01	ug/L	J	J	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	610	—	—	6.80E+01	ug/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	237	—	—	6.80E+01	ug/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	473	—	—	6.80E+01	ug/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.583	—	—	5.00E-01	ug/L	J	J	10-4510	CAWA-10-25736	GELC

Table C-2 Water Canyon 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
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	3	—	—	5.00E-01	ug/L	U	U	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.629	—	—	5.00E-01	ug/L	J	J	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	5.00E-01	ug/L	U	U	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.579	—	—	5.00E-01	ug/L	J	J	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	3	—	—	5.00E-01	ug/L	U	U	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.699	—	—	5.00E-01	ug/L	J	J	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	5.00E-01	ug/L	U	U	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6740	—	—	1.00E+00	ug/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	5400	—	—	1.00E+00	ug/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	5870	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	5190	—	—	1.00E+00	ug/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6550	—	—	1.00E+00	ug/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	5520	—	—	1.00E+00	ug/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	5800	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	5250	—	—	1.00E+00	ug/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	55.7	—	—	1.50E+01	ug/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	44.1	—	—	1.50E+01	ug/L	J	J	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	47.4	—	—	1.50E+01	ug/L	J	J	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	38.5	—	—	1.00E+01	ug/L	J	U	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	53.3	—	—	1.50E+01	ug/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	50.1	—	—	1.50E+01	ug/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	46.1	—	—	1.50E+01	ug/L	J	J	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	39.8	—	—	1.00E+01	ug/L	J	U	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	75.2	—	—	3.00E+01	ug/L	J	J	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	172	—	—	3.00E+01	ug/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	82.7	—	—	3.00E+01	ug/L	J	J	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	144	—	—	2.50E+01	ug/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	89.9	—	—	3.00E+01	ug/L	J	J	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	306	—	—	3.00E+01	ug/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	115	—	—	3.00E+01	ug/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	256	—	—	2.50E+01	ug/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.742	—	—	1.00E-01	ug/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.663	—	—	1.00E-01	ug/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.953	—	—	1.00E-01	ug/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.573	—	—	1.00E-01	ug/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.71	—	—	1.00E-01	ug/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.655	—	—	1.00E-01	ug/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.949	—	—	1.00E-01	ug/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.594	—	—	1.00E-01	ug/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.6	—	—	5.30E-02	mg/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	37.5	—	—	5.30E-02	mg/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.4	—	—	3.20E-02	mg/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.8	—	—	3.20E-02	mg/L	—	—	09-61	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	202	—	—	1.00E+00	ug/L	—	—	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	174	—	—	1.00E+00	ug/L	—	—	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	184	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	166	—	—	1.00E+00	ug/L	—	—	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	194	—	—	1.00E+00	ug/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	173	—	—	1.00E+00	ug/L	—	—	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	184	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1.00E+00	ug/L	—	—	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.33	—	—	1.00E+00	ug/L	J	J	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.51	—	—	1.00E+00	ug/L	J	J	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.4	—	—	1.00E+00	ug/L	J	J	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.26	—	—	1.00E+00	ug/L	J	J	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-2730	CAWA-10-15282	GELC

Table C-2 Water Canyon 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
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.69	—	—	1.00E+00	ug/L	J	J	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.67	—	—	1.00E+00	ug/L	J	J	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.76	—	—	3.30E+00	ug/L	J	J	10-4510	CAWA-10-25736	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2730	CAWA-10-15284	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-76	CAWA-09-13796	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	41.8	—	—	2.00E+00	ug/L	—	J	09-1312	CAWA-09-5555	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.4	—	—	3.30E+00	ug/L	J	J	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2730	CAWA-10-15282	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	03/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.6	—	—	2.00E+00	ug/L	—	J	09-1312	CAWA-09-5554	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0115	1.67E-03	3.90E-02	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00335	2.85E-03	3.00E-02	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0037	1.53E-03	1.76E-02	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0161	1.93E-03	3.80E-02	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0228	3.33E-03	4.90E-02	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000892	3.03E-03	4.30E-02	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0207	3.11E-03	3.57E-02	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.011	2.07E-03	1.99E-02	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.298	4.33E-01	4.50E+00	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.674	3.50E-01	3.18E+00	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.14	3.83E-01	3.45E+00	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.549	5.00E-01	5.20E+00	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.65	5.00E-01	4.70E+00	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.964	4.00E-01	4.00E+00	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.738	4.33E-01	4.04E+00	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.638	2.57E-01	2.27E+00	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.18	4.33E-01	4.80E+00	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.83	4.73E-01	3.93E+00	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.45	5.03E-01	3.77E+00	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.44	5.00E-01	4.30E+00	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.9	5.67E-01	5.20E+00	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.659	5.00E-01	4.80E+00	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.291	3.97E-01	3.97E+00	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.237	2.81E-01	2.70E+00	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.476	1.60E-01	1.76E+00	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.767	1.77E-01	1.53E+00	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.77	3.67E-01	2.60E+00	—	pCi/L	—	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0574	2.50E-01	3.00E+00	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.643	2.13E-01	2.28E+00	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.44	2.74E-01	2.04E+00	—	pCi/L	—	J	196781	GU07100CDV5902	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.11	2.09E-01	1.06E+00	—	pCi/L	—	J	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.99	3.37E-01	2.50E+00	—	pCi/L	—	J	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.71	3.13E-01	2.66E+00	—	pCi/L	—	J	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.95	3.67E-01	2.40E+00	—	pCi/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.46	3.67E-01	3.20E+00	—	pCi/L	—	—	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.38	5.80E-01	4.39E+00	—	pCi/L	—	J	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.23	3.40E-01	2.65E+00	—	pCi/L	—	J	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	6.54	1.23E+00	6.20E+00	—	pCi/L	—	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	42	1.53E+01	1.31E+02	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	81.1	1.82E+01	2.73E+02	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	25.1	2.60E+00	2.30E+01	—	pCi/L	—	—	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62.1	7.00E+00	7.00E+01	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17.2	6.67E+00	4.00E+01	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	72.5	2.01E+01	1.88E+02	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	75.4	2.42E+01	2.51E+02	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.91	3.00E+00	3.10E+01	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-17.4	2.60E+00	2.37E+01	—	pCi/L	U	U	196781	GF07100CDV5901	GELC

Table C-2 Water Canyon 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
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	14	3.63E+00	3.30E+01	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.49	8.67E-01	7.70E+00	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.0403	4.00E+00	3.80E+01	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.79	3.30E+00	3.30E+01	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.91	2.64E+00	2.63E+01	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.51	2.71E+00	2.25E+01	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00205	1.80E-03	3.10E-02	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00705	3.23E-03	4.10E-02	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.71E-03	1.78E-02	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00198	6.67E-04	2.20E-02	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00387	3.17E-03	3.20E-02	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00383	9.00E-04	2.90E-02	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0263	3.40E-03	3.53E-02	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00334	1.58E-03	1.83E-02	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00205	1.20E-03	3.50E-02	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0047	2.48E-03	3.85E-02	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0227	2.05E-03	1.18E-02	—	pCi/L	—	J	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-2.35E-10	9.33E-04	3.20E-02	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00773	1.83E-03	3.10E-02	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00383	1.27E-03	3.30E-02	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0162	2.54E-03	3.32E-02	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00501	1.67E-03	1.22E-02	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-43	6.33E+00	5.30E+01	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.56	4.33E+00	3.55E+01	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	13.2	5.50E+00	6.08E+01	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-14.7	5.67E+00	5.50E+01	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.72	6.00E+00	6.30E+01	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	40.5	5.67E+00	5.80E+01	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	43.1	5.80E+00	3.87E+01	—	pCi/L	UI	R	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.9	5.50E+00	2.10E+01	—	pCi/L	UI	R	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.455	4.00E-01	4.00E+00	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.31	3.43E-01	2.68E+00	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.579	4.43E-01	4.49E+00	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.73	5.00E-01	4.50E+00	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.28	5.33E-01	4.80E+00	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.5	3.67E-01	4.30E+00	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.36	4.13E-01	3.05E+00	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.934	2.37E-01	2.49E+00	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.169	4.33E-02	4.30E-01	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.287	4.47E-02	4.18E-01	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.103	3.22E-02	3.39E-01	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.295	5.00E-02	4.70E-01	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.299	4.33E-02	4.30E-01	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0112	4.33E-02	4.70E-01	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.25	5.00E-02	4.88E-01	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0119	3.30E-02	3.86E-01	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0695	4.00E-03	6.10E-02	—	pCi/L	—	—	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.276	9.57E-03	6.46E-02	—	pCi/L	—	R	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	RE	—	Rad	HASL-300	Uranium-234	<	0.0519	6.53E-03	1.74E-01	—	pCi/L	U	U	199357	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0238	2.98E-03	3.37E-02	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0182	2.53E-03	6.50E-02	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0219	3.20E-03	8.00E-02	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0433	3.13E-03	5.80E-02	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0553	3.70E-03	4.68E-02	—	pCi/L	—	R	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	RE	—	Rad	HASL-300	Uranium-234	<	0.0446	5.30E-03	1.25E-01	—	pCi/L	U	U	199357	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0172	2.72E-03	3.31E-02	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.43E-03	3.20E-02	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC

Table C-2 Water Canyon 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
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0249	3.37E-03	3.83E-02	—	pCi/L	U	U	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	RE	—	Rad	HASL-300	Uranium-235/236	<	0.00641	2.14E-03	8.96E-02	—	pCi/L	U	U	199357	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00982	1.97E-03	3.44E-02	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.009	2.23E-03	3.30E-02	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0084	2.47E-03	4.10E-02	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00412	1.37E-03	3.00E-02	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00804	1.65E-03	2.78E-02	—	pCi/L	U	U	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	RE	—	Rad	HASL-300	Uranium-235/236	<	0.00919	3.07E-03	6.42E-02	—	pCi/L	U	U	199357	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00579	1.12E-03	3.38E-02	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0191	2.57E-03	3.40E-02	—	pCi/L	U	U	09-62	CAWA-08-15986	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.578	1.55E-02	4.31E-02	—	pCi/L	—	R	196781	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	F	RE	—	Rad	HASL-300	Uranium-238	<	0.0156	3.87E-03	1.08E-01	—	pCi/L	U	U	199357	GF07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.00795	2.06E-03	2.39E-02	—	pCi/L	U	U	179805	GF07010CDV5901	GELC
CDV-16-02659	5941	1.7	09/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0267	2.77E-03	2.90E-02	—	pCi/L	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	5941	1.7	10/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0113	2.73E-03	4.90E-02	—	pCi/L	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	5941	1.7	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0316	2.50E-03	3.20E-02	—	pCi/L	U	U	09-62	CAWA-08-15985	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0244	2.27E-03	3.12E-02	—	pCi/L	U	R	196781	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	10/30/07	WG	UF	RE	—	Rad	HASL-300	Uranium-238	<	0.0112	3.28E-03	7.75E-02	—	pCi/L	U	U	199357	GU07100CDV5901	GELC
CDV-16-02659	5941	1.7	01/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.014	2.03E-03	2.34E-02	—	pCi/L	U	U	179805	GU07010CDV5901	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.9	—	—	7.30E-01	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.2	—	—	7.30E-01	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.042	—	—	1.60E-02	mg/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.026	—	—	1.60E-02	mg/L	J	J-	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.085	—	—	1.60E-02	mg/L	—	J-	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.37	—	—	5.00E-02	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.87	—	—	5.00E-02	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.63	—	—	5.00E-02	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.14	—	—	5.00E-02	mg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.5	—	—	5.00E-02	mg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.36	—	—	5.00E-02	mg/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	6.60E-02	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.46	—	—	6.60E-02	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.72	—	—	6.60E-02	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.144	—	—	3.30E-02	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.179	—	—	3.30E-02	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.211	—	—	3.30E-02	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33	—	—	3.50E-01	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31	—	—	3.50E-01	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.3	—	—	3.50E-01	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.4	—	—	3.50E-01	mg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.6	—	—	3.50E-01	mg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.7	—	—	3.50E-01	mg/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.33	—	—	8.50E-02	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.16	—	—	8.50E-02	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.13	—	—	8.50E-02	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.32	—	—	8.50E-02	mg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.4	—	—	8.50E-02	mg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.5	—	—	8.50E-02	mg/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.121	—	—	5.00E-02	mg/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.242	—	—	5.00E-02	mg/L	J	J	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.255	—	—	5.00E-02	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.127	—	—	5.00E-02	ug/L	J	J+	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.112	—	—	5.00E-02	ug/L	J	J	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.124	—	—	5.00E-02	ug/L	J	J	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.58	—	—	5.00E-02	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.55	—	—	5.00E-02	mg/L	—	—	10-2659	CAWA-10-15172	GELC

Table C-2 Water Canyon 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
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.513	—	—	5.00E-02	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.569	—	—	5.00E-02	mg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.564	—	—	5.00E-02	mg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.657	—	—	5.00E-02	mg/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	1.00E-01	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	1.00E-01	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	1.00E-01	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	1.00E-01	mg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	1.00E-01	mg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	1.00E-01	mg/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	126	—	—	1.00E+00	uS/cm	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	119	—	—	1.00E+00	uS/cm	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	118	—	—	1.00E+00	uS/cm	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.13	—	—	1.00E-01	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.23	—	—	1.00E-01	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.07	—	—	1.00E-01	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.40E+00	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	111	—	—	2.40E+00	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.87	—	—	3.30E-01	mg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.58	—	—	3.30E-01	mg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.24	—	—	3.30E-01	mg/L	—	—	10-1726	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.15	—	—	1.00E-02	SU	H	J-	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J-	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	1.00E-02	SU	H	J-	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.842	—	—	5.00E-01	ug/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.575	—	—	5.00E-01	ug/L	J	J	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	0.972	—	—	5.00E-01	ug/L	J	U	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.809	—	—	5.00E-01	ug/L	J	J	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.758	—	—	5.00E-01	ug/L	J	J	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	2.79	—	—	5.00E-01	ug/L	J	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.2	—	—	1.00E+00	ug/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.6	—	—	1.00E+00	ug/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.6	—	—	1.00E+00	ug/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.9	—	—	1.00E+00	ug/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.9	—	—	1.00E+00	ug/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1.00E+00	ug/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.4	—	—	1.50E+01	ug/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.7	—	—	1.50E+01	ug/L	J	J	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.7	—	—	1.50E+01	ug/L	J	J	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.3	—	—	2.50E+00	ug/L	J	U	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.39	—	—	2.50E+00	ug/L	J	J	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	9.87	—	—	2.50E+00	ug/L	J	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	15.4	—	—	2.50E+00	ug/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	36.4	—	—	3.00E+01	ug/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	31	—	—	3.00E+01	ug/L	J	J	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	47.7	—	—	3.00E+01	ug/L	J	J	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	262	—	—	3.00E+01	ug/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	423	—	—	3.00E+01	ug/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1710	—	—	3.00E+01	ug/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	22.8	—	—	2.00E+00	ug/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	22.1	—	—	2.00E+00	ug/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	20.8	—	—	2.00E+00	ug/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.2	—	—	2.00E+00	ug/L	—	—	10-4679	CAWA-10-25902	GELC

Table C-2 Water Canyon 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
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	25.9	—	—	2.00E+00	ug/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	32.6	—	—	2.00E+00	ug/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.94	—	—	1.00E-01	ug/L	—	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.14	—	—	1.00E-01	ug/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.95	—	—	1.00E-01	ug/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.99	—	—	1.00E-01	ug/L	—	J	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.14	—	—	1.00E-01	ug/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.48	—	—	1.00E-01	ug/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.33	—	—	5.00E-01	ug/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.67	—	—	5.00E-01	ug/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.7	—	—	5.00E-01	ug/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.8	—	—	5.00E-01	ug/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.12	—	—	5.00E-01	ug/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.4	—	—	5.00E-01	ug/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.6	—	—	5.30E-02	mg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.8	—	—	5.30E-02	mg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.2	—	—	5.30E-02	mg/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.7	—	—	1.00E+00	ug/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.4	—	—	1.00E+00	ug/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1.00E+00	ug/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.5	—	—	1.00E+00	ug/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.4	—	—	1.00E+00	ug/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.6	—	—	1.00E+00	ug/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.532	—	—	5.00E-02	ug/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.597	—	—	5.00E-02	ug/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.649	—	—	5.00E-02	ug/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.716	—	—	5.00E-02	ug/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.18	—	—	5.00E-02	ug/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.26	—	—	1.00E+00	ug/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.21	—	—	1.00E+00	ug/L	J	U	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.75	—	—	1.00E+00	ug/L	J	U	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.08	—	—	1.00E+00	ug/L	J	J	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.25	—	—	1.00E+00	ug/L	J	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.32	—	—	1.00E+00	ug/L	J	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.77	—	—	3.30E+00	ug/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	18.7	—	—	3.30E+00	ug/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	30.7	—	—	3.30E+00	ug/L	—	—	10-1727	CAWA-10-11284	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.9	—	—	3.30E+00	ug/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	33.3	—	—	3.30E+00	ug/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	116	—	—	3.30E+00	ug/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00532	1.17E-03	4.20E-02	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000339	1.53E-03	2.60E-02	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	3.33E-03	3.80E-02	—	pCi/L	U	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.96	5.33E-01	5.40E+00	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.13	5.00E-01	4.40E+00	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.01	4.00E-01	3.70E+00	—	pCi/L	U	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.53	5.00E-01	5.80E+00	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.907	4.67E-01	4.30E+00	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.562	3.67E-01	3.40E+00	—	pCi/L	U	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.66	2.63E-01	2.10E+00	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.08	3.00E-01	2.30E+00	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.02	2.97E-01	2.30E+00	—	pCi/L	U	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.413	1.87E-01	2.00E+00	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.567	2.23E-01	2.40E+00	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.32	2.73E-01	2.30E+00	—	pCi/L	—	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	28.3	3.67E+00	4.70E+01	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	74.2	6.33E+00	6.40E+01	—	pCi/L	—	J	10-2659	CAWA-10-15170	GELC

Table C-2 Water Canyon 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
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	469	2.73E+01	2.20E+02	—	pCi/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.78	9.33E-01	9.10E+00	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.17	4.00E+00	3.90E+01	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	30.6	4.33E+00	3.00E+01	—	pCi/L	UI	R	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00748	1.23E-03	1.70E-02	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0146	2.33E-03	3.60E-02	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00228	7.67E-04	3.80E-02	—	pCi/L	U	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0135	1.57E-03	2.90E-02	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.97E-03	2.50E-02	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00228	1.30E-03	2.60E-02	—	pCi/L	U	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.3	6.67E+00	6.70E+01	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3.04	6.33E+00	6.60E+01	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.8	4.67E+00	4.20E+01	—	pCi/L	U	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.441	3.33E-01	3.60E+00	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.288	4.67E-01	4.50E+00	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.63	3.67E-01	3.50E+00	—	pCi/L	U	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.115	2.57E-02	3.00E-01	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.236	3.27E-02	4.40E-01	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.105	3.33E-02	4.20E-01	—	pCi/L	U	U	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.458	1.57E-02	6.80E-02	—	pCi/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.459	1.67E-02	5.10E-02	—	pCi/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.592	1.73E-02	5.10E-02	—	pCi/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0188	2.60E-03	3.40E-02	—	pCi/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0143	2.93E-03	4.00E-02	—	pCi/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0314	2.90E-03	2.90E-02	—	pCi/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.271	1.10E-02	3.00E-02	—	pCi/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.228	1.03E-02	3.60E-02	—	pCi/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.408	1.30E-02	3.30E-02	—	pCi/L	—	—	10-1727	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	3.38	—	—	2.30E+00	ug/L	J	J	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	3.88	—	—	2.20E+00	ug/L	J	J	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	13	—	—	2.90E+00	ug/L	J	J	10-1726	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	4.87	—	—	3.50E+00	ug/L	J	J	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	19.6	—	—	3.50E+00	ug/L	—	—	10-1726	CAWA-10-11283	GELC
CDV-37-1(i)	8931	632	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	2.7	—	—	2.50E-01	ug/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	632	04/01/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	3.65	—	—	2.50E-01	ug/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	632	02/08/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	7.76	—	—	2.50E-01	ug/L	—	—	10-1726	CAWA-10-11283	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	43.2	—	—	7.30E-01	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	44.3	—	—	7.30E-01	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	42.3	—	—	7.30E-01	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	39.5	—	—	7.30E-01	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	43.3	—	—	7.30E-01	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	3.00E-02	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	3.00E-02	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	3.00E-02	mg/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.00E-02	mg/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	1.86	—	—	6.60E-02	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.87	—	—	6.60E-02	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.65	—	—	6.60E-02	mg/L	—	—	10-187	CAWA-09-13692	GELC

Table C-2 Water Canyon 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
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.64	—	—	6.60E-02	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.02	—	—	6.60E-02	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.0867	—	—	3.30E-02	mg/L	J	J	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0847	—	—	3.30E-02	mg/L	J	J	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.198	—	—	3.30E-02	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	3.30E-02	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.104	—	—	3.30E-02	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	43.9	—	—	3.50E-01	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.6	—	—	3.50E-01	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.1	—	—	3.50E-01	mg/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.7	—	—	3.50E-01	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	3.50E-01	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	3.50E-01	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	43.4	—	—	3.50E-01	mg/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.7	—	—	3.50E-01	mg/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.3	—	—	3.50E-01	mg/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	3.50E-01	mg/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.4	—	—	3.50E-01	mg/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.4	—	—	3.50E-01	mg/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.04	—	—	8.50E-02	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.02	—	—	8.50E-02	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.51	—	—	8.50E-02	mg/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.77	—	—	8.50E-02	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.97	—	—	8.50E-02	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.63	—	—	8.50E-02	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.01	—	—	8.50E-02	mg/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	8.50E-02	mg/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.33	—	—	8.50E-02	mg/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.89	—	—	8.50E-02	mg/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	8.50E-02	mg/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.6	—	—	8.50E-02	mg/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.41	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.406	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.402	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.87	—	—	5.00E-02	mg/L	—	J	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.624	—	—	1.00E-01	mg/L	—	J-	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.417	—	—	5.00E-02	ug/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.405	—	—	5.00E-02	ug/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.391	—	—	5.00E-02	ug/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.448	—	—	5.00E-02	ug/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.414	—	—	5.00E-02	ug/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.07	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.05	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.14	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.72	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.87	—	—	5.00E-02	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.12	—	—	5.00E-02	mg/L	—	J	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.63	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.44	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.98	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.79	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.05	—	—	5.00E-02	mg/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.1	—	—	5.00E-02	mg/L	—	J	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	5.59	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.57	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.3	—	—	1.00E-01	mg/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.27	—	—	1.00E-01	mg/L	—	—	10-187	CAWA-09-13692	GELC

Table C-2 Water Canyon 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
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.81	—	—	4.50E-02	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.39	—	—	4.50E-02	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	5.81	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.83	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.77	—	—	1.00E-01	mg/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.29	—	—	1.00E-01	mg/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.92	—	—	4.50E-02	mg/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.19	—	—	4.50E-02	mg/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	117	—	—	1.00E+00	uS/cm	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	117	—	—	1.00E+00	uS/cm	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	110	—	—	1.00E+00	uS/cm	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	115	—	—	1.00E+00	uS/cm	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	117	—	—	1.00E+00	uS/cm	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	6.7	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.69	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.69	—	—	1.00E-01	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.59	—	—	1.00E-01	mg/L	—	J-	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.58	—	—	1.00E-01	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	136	—	—	2.30E+00	mg/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	70	—	—	3.80E+00	mg/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	6.4	—	—	1.10E+00	mg/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	6.8	—	—	2.30E+00	mg/L	J	J	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3	—	—	1.10E+00	mg/L	J	J	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.8	—	—	2.30E+00	mg/L	J	J	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	110	—	—	2.40E+00	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	112	—	—	2.40E+00	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	92	—	—	2.40E+00	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	96	—	—	2.40E+00	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	3.36	—	—	3.30E-01	mg/L	—	—	10-4756	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.42	—	—	3.30E-01	mg/L	—	—	10-4756	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.06	—	—	3.30E-01	mg/L	—	—	10-186	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.81	—	—	3.30E-01	mg/L	—	—	09-1303	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.1	—	—	3.30E-01	mg/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.74	—	—	1.00E-02	SU	H	J-	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	1.00E-02	SU	H	J-	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	1.00E-02	SU	H	J-	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.71	—	—	1.00E-02	SU	H	J-	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	1.00E-02	SU	H	J-	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	266	—	—	6.80E+01	ug/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	255	—	—	6.80E+01	ug/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	4180	—	—	6.80E+01	ug/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	235	—	—	6.80E+01	ug/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	804	—	—	6.80E+01	ug/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	157	—	—	6.80E+01	ug/L	J	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	1300	—	—	6.80E+01	ug/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	701	—	—	6.80E+01	ug/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4790	—	—	6.80E+01	ug/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	477	—	—	6.80E+01	ug/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2600	—	—	6.80E+01	ug/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	328	—	—	6.80E+01	ug/L	—	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	36	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.8	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	75.6	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.2	—	—	1.00E+00	ug/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.9	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.5	—	—	1.00E+00	ug/L	—	—	09-155	CAWA-08-15942	GELC

Table C-2 Water Canyon 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
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	42.7	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	45.2	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	104	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.9	—	—	1.00E+00	ug/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	44	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.8	—	—	1.00E+00	ug/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1380	—	—	3.00E+01	ug/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	108	—	—	3.00E+01	ug/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	284	—	—	2.50E+01	ug/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	74.5	—	—	2.50E+01	ug/L	J	J	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	297	—	—	3.00E+01	ug/L	—	J	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	191	—	—	3.00E+01	ug/L	—	J	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1660	—	—	3.00E+01	ug/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	246	—	—	3.00E+01	ug/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	979	—	—	2.50E+01	ug/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	220	—	—	2.50E+01	ug/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.642	—	—	5.00E-01	ug/L	J	J	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6020	Lead	—	2.5	—	—	5.00E-01	ug/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.59	—	—	5.00E-01	ug/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.93	—	—	5.00E-01	ug/L	J	J	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.97	—	—	2.00E+00	ug/L	J	J	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.04	—	—	2.00E+00	ug/L	J	J	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	7.87	—	—	2.00E+00	ug/L	J	J	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.8	—	—	2.00E+00	ug/L	J	J	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	78.7	—	—	2.00E+00	ug/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.5	—	—	2.00E+00	ug/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.46	—	—	2.00E+00	ug/L	J	J	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.7	—	—	2.00E+00	ug/L	J	J	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.172	—	—	1.00E-01	ug/L	J	J	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.143	—	—	1.00E-01	ug/L	J	J	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.201	—	—	1.00E-01	ug/L	J	J	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.343	—	—	1.00E-01	ug/L	J	U	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.189	—	—	1.00E-01	ug/L	J	U	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.22	—	—	1.00E-01	ug/L	J	J	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.276	—	—	1.00E-01	ug/L	J	J	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.24	—	—	1.00E-01	ug/L	J	J	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.116	—	—	1.00E-01	ug/L	J	J	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.292	—	—	1.00E-01	ug/L	J	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.169	—	—	1.00E-01	ug/L	J	U	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.21	—	—	1.00E-01	ug/L	J	J	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.685	—	—	5.00E-01	ug/L	J	J	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.822	—	—	5.00E-01	ug/L	J	J	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.03	—	—	5.00E-01	ug/L	J	J	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.592	—	—	5.00E-01	ug/L	J	J	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.661	—	—	5.00E-01	ug/L	J	J	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	5.00E-01	ug/L	J	J	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.58	—	—	5.00E-01	ug/L	J	J	10-2732	CAWA-10-14950	GELC

Table C-2 Water Canyon 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
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.571	—	—	5.00E-01	ug/L	J	J	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.956	—	—	5.00E-01	ug/L	J	J	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	45.2	—	—	5.30E-02	mg/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45	—	—	5.30E-02	mg/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.3	—	—	5.30E-02	mg/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48	—	—	3.20E-02	mg/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.6	—	—	3.20E-02	mg/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	96.6	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.9	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	139	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.9	—	—	1.00E+00	ug/L	—	—	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.4	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	89.1	—	—	1.00E+00	ug/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	96.1	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.4	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	86.1	—	—	1.00E+00	ug/L	—	—	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	95	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	85.9	—	—	1.00E+00	ug/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	ug/L	J	J	10-4757	CAWA-10-25710	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.26	—	—	1.00E+00	ug/L	J	J	10-4757	CAWA-10-25707	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.35	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.94	—	—	1.00E+00	ug/L	J	J	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.68	—	—	1.00E+00	ug/L	J	J	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4	—	—	1.00E+00	ug/L	J	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.64	—	—	1.00E+00	ug/L	J	J	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.53	—	—	1.00E+00	ug/L	J	J	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.45	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.28	—	—	1.00E+00	ug/L	J	J	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.55	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4.2	—	—	1.00E+00	ug/L	J	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.07	—	—	3.30E+00	ug/L	J	J	10-2732	CAWA-10-14949	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-187	CAWA-09-13692	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.46	—	—	2.00E+00	ug/L	J	U	09-1304	CAWA-09-5521	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4	—	—	2.00E+00	ug/L	J	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	4.87	—	—	3.30E+00	ug/L	J	J	10-4757	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.8	—	—	3.30E+00	ug/L	J	J	10-4757	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.75	—	—	3.30E+00	ug/L	J	J	10-2732	CAWA-10-14950	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.83	—	—	2.00E+00	ug/L	J	U	09-1304	CAWA-09-5520	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.1	—	—	2.00E+00	ug/L	J	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0143	3.67E-03	3.10E-02	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00176	9.00E-04	3.00E-02	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0112	1.60E-03	3.90E-02	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000954	1.00E-03	3.60E-02	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0261	3.33E-03	2.30E-02	—	pCi/L	—	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.726	4.67E-01	4.60E+00	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	0.942	5.33E-01	5.50E+00	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.76	4.33E-01	3.90E+00	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.225	2.37E-01	2.40E+00	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.385	4.33E-01	4.20E+00	—	pCi/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.69	4.67E-01	5.00E+00	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.295	6.67E-01	6.60E+00	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0266	5.00E-01	4.90E+00	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.385	2.43E-01	2.30E+00	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.64	4.67E-01	5.30E+00	—	pCi/L	U	U	09-155	CAWA-08-15941	GELC

Table C-2 Water Canyon 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
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.34	2.77E-01	2.40E+00	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.462	1.93E-01	2.30E+00	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.152	1.50E-01	1.90E+00	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	4.55	3.33E-01	2.40E+00	—	pCi/L	—	—	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.56	2.27E-01	2.00E+00	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.21	2.73E-01	2.40E+00	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	17.6	5.00E+00	1.70E+01	—	pCi/L	—	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	23.7	3.17E+00	3.70E+01	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.47	1.33E+01	2.50E+01	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.6	5.67E+00	3.50E+01	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.8	4.33E+00	1.60E+01	—	pCi/L	—	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12	4.00E+00	3.40E+01	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	0.878	1.13E+00	1.10E+01	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.54	1.00E+00	9.10E+00	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.412	1.53E+00	1.50E+01	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-18.1	3.10E+00	2.90E+01	—	pCi/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00332	9.67E-04	2.50E-02	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0	6.33E-04	2.10E-02	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0108	1.60E-03	2.00E-02	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.67E-04	3.20E-02	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00177	1.33E-03	2.70E-02	—	pCi/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00664	1.10E-03	2.90E-02	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00185	1.07E-03	3.60E-02	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0018	1.33E-03	3.50E-02	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00197	1.97E-03	3.20E-02	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00354	1.17E-03	3.00E-02	—	pCi/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.28	5.67E+00	5.60E+01	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-26.1	6.33E+00	5.70E+01	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	17.4	6.67E+00	7.20E+01	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.3	6.00E+00	2.20E+01	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.72	5.00E+00	5.20E+01	—	pCi/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.35	4.00E-01	3.60E+00	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.0824	5.33E-01	5.20E+00	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.31	5.00E-01	5.40E+00	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0932	2.20E-01	2.20E+00	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.599	4.67E-01	4.80E+00	—	pCi/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.333	4.67E-02	4.20E-01	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.205	3.33E-02	4.70E-01	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0365	4.33E-02	5.00E-01	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.251	3.67E-02	4.80E-01	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0021	2.53E-02	2.90E-01	—	pCi/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.103	4.67E-03	5.90E-02	—	pCi/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.0804	6.00E-03	4.70E-02	—	pCi/L	—	—	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0674	5.67E-03	5.10E-02	—	pCi/L	—	—	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.089	6.33E-03	1.00E-01	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.112	5.33E-03	5.90E-02	—	pCi/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0104	1.87E-03	3.10E-02	—	pCi/L	U	U	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0103	2.00E-03	3.60E-02	—	pCi/L	U	U	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.77E-03	4.00E-02	—	pCi/L	U	U	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.67E-03	5.20E-02	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0289	2.63E-03	3.10E-02	—	pCi/L	U	U	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.049	3.27E-03	3.30E-02	—	pCi/L	—	—	09-155	CAWA-08-15942	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.0889	5.67E-03	2.80E-02	—	pCi/L	—	—	10-4759	CAWA-10-25709	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0516	4.33E-03	3.10E-02	—	pCi/L	—	—	10-4759	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0403	5.67E-03	6.30E-02	—	pCi/L	U	U	10-187	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0651	4.00E-03	3.30E-02	—	pCi/L	—	—	09-155	CAWA-08-15941	GELC
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	FD	Svoa	SW-846:8270C	Diethylphthalate	—	22.6	—	—	2.10E+00	ug/L	—	—	10-4756	CAWA-10-25709	GELC

Table C-2 Water Canyon 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
CDV-5.0 SPRING	—	—	09/24/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	26.7	—	—	2.10E+00	ug/L	—	—	10-4756	CAWA-10-25706	GELC
CDV-5.0 SPRING	—	—	10/19/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.4	—	—	2.10E+00	ug/L	U	U	10-186	CAWA-09-13693	GELC
CDV-5.0 SPRING	—	—	10/22/08	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	ug/L	U	UJ	09-155	CAWA-08-15941	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	73.4	—	—	7.30E-01	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	91.5	—	—	7.30E-01	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67	—	—	7.30E-01	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.6	—	—	7.30E-01	mg/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.9	—	—	7.30E-01	mg/L	—	—	08-892	CAWA-08-11545	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.08	—	—	1.60E-02	mg/L	—	J-	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-892	CAWA-08-11545	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.8	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	5.00E-02	mg/L	—	—	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.5	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.2	—	—	3.00E-02	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.3	—	—	3.00E-02	mg/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.5	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	5.00E-02	mg/L	—	—	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.4	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	3.00E-02	mg/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.3	—	—	3.00E-02	mg/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.5	—	—	1.30E-01	mg/L	—	J+	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.9	—	—	6.60E-02	mg/L	—	J+	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	RE	—	Geninorg	EPA:300.0	Chloride	—	19.9	—	—	6.60E-02	mg/L	—	J+	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.2	—	—	1.30E-01	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.2	—	—	6.60E-02	mg/L	—	J+	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.9	—	—	6.60E-01	mg/L	—	—	08-892	CAWA-08-11545	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.172	—	—	3.30E-02	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.248	—	—	3.30E-02	mg/L	—	R	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.122	—	—	3.30E-02	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.186	—	—	3.30E-02	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.187	—	—	3.30E-02	mg/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.177	—	—	3.30E-02	mg/L	—	—	08-892	CAWA-08-11545	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	3.50E-01	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.8	—	—	3.50E-01	mg/L	—	—	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	90.2	—	—	3.50E-01	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.4	—	—	3.50E-01	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.8	—	—	3.50E-01	mg/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.2	—	—	3.50E-01	mg/L	—	—	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.6	—	—	3.50E-01	mg/L	—	—	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.4	—	—	3.50E-01	mg/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	68.7	—	—	3.50E-01	mg/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.4	—	—	3.50E-01	mg/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.64	—	—	8.50E-02	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.85	—	—	8.50E-02	mg/L	—	—	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.87	—	—	8.50E-02	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.09	—	—	8.50E-02	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.87	—	—	8.50E-02	mg/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.23	—	—	8.50E-02	mg/L	—	—	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.06	—	—	8.50E-02	mg/L	—	—	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.96	—	—	8.50E-02	mg/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.24	—	—	8.50E-02	mg/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.03	—	—	8.50E-02	mg/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.122	—	—	5.00E-02	ug/L	J	J	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.27	—	—	5.00E-02	ug/L	—	—	10-148	CAWA-09-13678	GELC

Table C-2 Water Canyon 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
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.258	—	—	5.00E-02	ug/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.171	—	—	5.00E-02	ug/L	J	J	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.347	—	—	5.00E-02	ug/L	—	J+	08-892	CAWA-08-11545	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.37	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.49	—	—	5.00E-02	mg/L	—	—	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.72	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.25	—	—	5.00E-02	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.19	—	—	5.00E-02	mg/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.2	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.65	—	—	5.00E-02	mg/L	—	—	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.7	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.37	—	—	5.00E-02	mg/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.22	—	—	5.00E-02	mg/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	1.00E-01	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.3	—	—	1.00E-01	mg/L	—	—	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.3	—	—	1.00E-01	mg/L	E	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.8	—	—	4.50E-02	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	4.50E-02	mg/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	1.00E-01	mg/L	—	—	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.4	—	—	1.00E-01	mg/L	—	—	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	1.00E-01	mg/L	E	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	4.50E-02	mg/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	4.50E-02	mg/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	235	—	—	1.00E+00	uS/cm	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	266	—	—	1.00E+00	uS/cm	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	223	—	—	1.00E+00	uS/cm	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	239	—	—	1.00E+00	uS/cm	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.04	—	—	1.00E-01	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.6	—	—	1.00E-01	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	RE	—	Geninorg	EPA:300.0	Sulfate	—	5.6	—	—	1.00E-01	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.13	—	—	1.00E-01	mg/L	—	J-	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.79	—	—	1.00E-01	mg/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	1.00E-01	mg/L	—	—	08-892	CAWA-08-11545	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.8	—	—	2.30E+00	mg/L	J	J	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.2	—	—	1.10E+00	mg/L	J	J	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	15.6	—	—	1.10E+00	mg/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.30E+00	mg/L	U	U	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.30E+00	mg/L	U	U	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.40E+00	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	168	—	—	2.40E+00	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.40E+00	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.40E+00	mg/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	—	08-892	CAWA-08-11545	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.072	—	—	3.30E-02	mg/L	J	J	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.097	—	—	3.30E-02	mg/L	J	U	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.377	—	—	2.90E-02	mg/L	—	J+	09-1277	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.03	—	—	2.90E-02	mg/L	J	U	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.176	—	—	2.90E-02	mg/L	—	—	08-892	CAWA-08-11547	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.21	—	—	3.30E-01	mg/L	—	—	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.12	—	—	3.30E-01	mg/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.91	—	—	3.30E-01	mg/L	—	—	09-1277	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.4	—	—	3.30E-01	mg/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.58	—	—	3.30E-01	mg/L	—	—	08-892	CAWA-08-11547	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.74	—	—	1.00E-02	SU	H	J-	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.59	—	—	1.00E-02	SU	H	J-	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.64	—	—	1.00E-02	SU	H	J-	09-53	CAWA-08-15930	GELC

Table C-2 Water Canyon 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
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.114	—	—	1.00E-01	ug/L	J	J	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	1.02	—	—	1.00E-01	ug/L	—	—	10-2780	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.237	—	—	1.00E-01	ug/L	J	J	10-147	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.246	—	—	1.30E-01	ug/L	J	J	09-1277	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.172	—	—	1.30E-01	ug/L	J	J	09-52	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Hexp	SW-846:8330	DNX	—	0.27	—	—	6.90E-02	ug/L	P	J	10-4475	CAWA-10-25692	STSL
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Hexp	SW-846:8330	DNX	—	0.29	—	—	6.90E-02	ug/L	J	J	10-2779	CAWA-10-14935	STSL
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Hexp	SW-846:8330	DNX	—	0.22	—	—	6.90E-02	ug/L	J	J	10-150	CAWA-09-13680	STSL
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Hexp	SW-846:8330	DNX	—	0.23	—	—	6.90E-02	ug/L	JP	J	09-1276	CAWA-09-5508	STSL
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Hexp	SW-846:8330	DNX	<	0.5	—	—	6.90E-02	ug/L	U	R	09-50	CAWA-08-15928	STSL
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	2.18	—	—	1.00E-01	ug/L	—	J	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	DL	—	Hexp	SW-846:8321	HMX	—	35.7	—	—	1.00E+00	ug/L	—	—	10-2780	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	6.29	—	—	1.00E-01	ug/L	—	J	10-147	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	12.4	—	—	1.00E-01	ug/L	—	J+	09-1277	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	8.03	—	—	1.00E-01	ug/L	—	J	09-52	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.35	—	—	9.10E-02	ug/L	J	J	10-4475	CAWA-10-25692	STSL
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Hexp	SW-846:8330	MNX	—	1.7	—	—	9.10E-02	ug/L	—	—	10-2779	CAWA-10-14935	STSL
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.65	—	—	9.10E-02	ug/L	P	J	10-150	CAWA-09-13680	STSL
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.52	—	—	9.10E-02	ug/L	—	J	09-1276	CAWA-09-5508	STSL
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	R	09-50	CAWA-08-15928	STSL
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	4.33	—	—	1.00E-01	ug/L	—	J+	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	DL	—	Hexp	SW-846:8321	RDX	—	42	—	—	1.00E+00	ug/L	—	—	10-2780	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	DL	—	Hexp	SW-846:8321	RDX	—	15.6	—	—	2.10E-01	ug/L	—	J	10-147	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	DL	—	Hexp	SW-846:8321	RDX	—	15.3	—	—	3.30E-01	ug/L	—	J	09-1277	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	12.5	—	—	1.30E-01	ug/L	—	J	09-52	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.68	—	—	8.20E-02	ug/L	—	—	10-4475	CAWA-10-25692	STSL
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	10-2779	CAWA-10-14935	STSL
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.56	—	—	8.20E-02	ug/L	—	—	10-150	CAWA-09-13680	STSL
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.16	—	—	8.20E-02	ug/L	JP	J	09-1276	CAWA-09-5508	STSL
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	R	09-50	CAWA-08-15928	STSL
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	401	—	—	6.80E+01	ug/L	*	J	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	120	—	—	6.80E+01	ug/L	J	J	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	95.2	—	—	6.80E+01	ug/L	J	J	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1160	—	—	6.80E+01	ug/L	*	J	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1020	—	—	6.80E+01	ug/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	295	—	—	6.80E+01	ug/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	71.6	—	—	6.80E+01	ug/L	J	J	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	2820	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	3120	—	—	1.00E+00	ug/L	—	—	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	2430	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	2170	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	3140	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	2690	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	3190	—	—	1.00E+00	ug/L	—	—	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	2440	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	2250	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	3070	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	37.4	—	—	1.50E+01	ug/L	J	J	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	37.4	—	—	1.50E+01	ug/L	J	J	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	47.8	—	—	1.50E+01	ug/L	J	J	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	37.7	—	—	1.00E+01	ug/L	J	J	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	43.6	—	—	1.00E+01	ug/L	J	J	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	35.6	—	—	1.50E+01	ug/L	J	J	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	37.8	—	—	1.50E+01	ug/L	J	J	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	47.1	—	—	1.50E+01	ug/L	J	J	10-148	CAWA-09-13680	GELC

Table C-2 Water Canyon 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
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.5	—	—	1.00E+01	ug/L	J	J	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	46.2	—	—	1.00E+01	ug/L	J	J	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.04	—	—	1.00E+00	ug/L	J	J	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.27	—	—	1.00E+00	ug/L	J	J	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	54.9	—	—	3.00E+01	ug/L	J	J	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	226	—	—	3.00E+01	ug/L	*	J	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	94.3	—	—	3.00E+01	ug/L	J	J	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	68.5	—	—	2.50E+01	ug/L	J	J	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	61.8	—	—	2.50E+01	ug/L	J	J	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	124	—	—	3.00E+01	ug/L	—	—	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	646	—	—	3.00E+01	ug/L	*	J	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	695	—	—	3.00E+01	ug/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	261	—	—	2.50E+01	ug/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	171	—	—	2.50E+01	ug/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	27.1	—	—	2.00E+00	ug/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	14.4	—	—	2.00E+00	ug/L	—	—	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	34.1	—	—	2.00E+00	ug/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	52.7	—	—	2.00E+00	ug/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	39.6	—	—	2.00E+00	ug/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	33.2	—	—	2.00E+00	ug/L	—	—	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.9	—	—	2.00E+00	ug/L	—	—	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	44	—	—	2.00E+00	ug/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	63.2	—	—	2.00E+00	ug/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	33.4	—	—	2.00E+00	ug/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.75	—	—	1.00E-01	ug/L	—	J	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.00E-01	ug/L	—	—	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.744	—	—	1.00E-01	ug/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.534	—	—	1.00E-01	ug/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.62	—	—	1.00E-01	ug/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.707	—	—	1.00E-01	ug/L	—	J	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.951	—	—	1.00E-01	ug/L	—	—	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.763	—	—	1.00E-01	ug/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.547	—	—	1.00E-01	ug/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.65	—	—	1.00E-01	ug/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38.9	—	—	5.30E-02	mg/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.2	—	—	5.30E-02	mg/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.4	—	—	3.20E-02	mg/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.2	—	—	3.20E-02	mg/L	N	J-	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	03/31/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.1	—	—	3.20E-02	mg/L	—	—	08-892	CAWA-08-11545	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	164	—	—	1.00E+00	ug/L	—	—	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	161	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	166	—	—	1.00E+00	ug/L	—	—	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	139	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.8	—	—	3.30E+00	ug/L	J	J	10-4477	CAWA-10-25691	GELC

Table C-2 Water Canyon 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
Canon de Valle below MDA P	—	—	04/14/10	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2781	CAWA-10-14934	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.25	—	—	2.00E+00	ug/L	J	U	09-1278	CAWA-09-5509	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-53	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.08	—	—	3.30E+00	ug/L	J	J	10-4477	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	04/14/10	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.39	—	—	3.30E+00	ug/L	J	U	10-2781	CAWA-10-14935	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	03/24/09	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.42	—	—	2.00E+00	ug/L	J	U	09-1278	CAWA-09-5508	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-53	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000557	4.00E-03	2.70E-02	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	0.0103	2.97E-03	3.43E-02	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	0.00448	1.66E-03	2.20E-02	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00845	1.40E-03	3.50E-02	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00152	7.67E-04	4.10E-02	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00265	1.43E-03	2.70E-02	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0144	1.98E-03	3.81E-02	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00465	9.27E-04	3.07E-02	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.43	4.33E-01	4.40E+00	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.28	5.10E-01	4.73E+00	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.08	4.40E-01	3.98E+00	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.446	6.67E-01	6.60E+00	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.44	5.67E-01	5.70E+00	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.808	5.00E-01	4.50E+00	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.75	4.77E-01	5.01E+00	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.25	4.00E-01	3.60E+00	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.29	4.33E-01	3.80E+00	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.25	4.00E-01	3.60E+00	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.29	4.33E-01	3.80E+00	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.523	5.00E-01	4.80E+00	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.977	4.43E-01	4.60E+00	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.31	4.67E-01	4.10E+00	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.223	4.67E-01	3.90E+00	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.261	4.67E-01	4.70E+00	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.23	5.37E-01	5.09E+00	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.35	4.93E-01	5.12E+00	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	0.87	2.23E-01	2.27E+00	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.184	1.65E-01	2.31E+00	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	07/22/05	WS	F	CS	—	Rad	EPA:900	Gross alpha	<	0.568	1.21E-01	1.44E+00	—	pCi/L	U	U	141561	GF05070P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.499	2.13E-01	2.90E+00	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.586	1.67E-01	1.80E+00	—	pCi/L	U	U	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.136	2.48E-01	2.81E+00	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.709	1.76E-01	1.62E+00	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	07/22/05	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.07	1.17E-01	1.07E+00	—	pCi/L	—	J	141561	GU05070P25601	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	4.12	3.53E-01	2.66E+00	—	pCi/L	—	J	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	4.64	3.73E-01	3.18E+00	—	pCi/L	—	J	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	07/22/05	WS	F	CS	—	Rad	EPA:900	Gross beta	—	3.8	2.08E-01	2.21E+00	—	pCi/L	—	J	141561	GF05070P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.84	3.13E-01	3.00E+00	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	5.47	4.67E-01	3.80E+00	—	pCi/L	—	—	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	3.46	1.62E-01	1.08E+00	—	pCi/L	—	—	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	3.35	3.33E-01	2.94E+00	—	pCi/L	—	J	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	07/22/05	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	7.7	3.31E-01	3.03E+00	—	pCi/L	—	J	141561	GU05070P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	1.76	5.33E-01	3.70E+00	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	115	2.05E+01	2.53E+02	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	82	1.85E+02	2.46E+02	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	4.1	4.00E-01	1.20E+01	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	35.9	1.17E+01	5.90E+01	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.5	4.00E+00	2.90E+01	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	103	2.43E+01	3.18E+02	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	74.1	2.60E+01	3.05E+02	—	pCi/L	U	U	179921	GU070100P25601	GELC

Table C-2 Water Canyon 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
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.92	3.33E+00	3.40E+01	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.05	4.07E+00	3.65E+01	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.174	3.00E+00	2.98E+01	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.54	9.00E-01	9.50E+00	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14	3.00E+00	3.00E+01	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.02	2.73E+00	2.80E+01	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.95	4.40E+00	3.64E+01	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.2	3.50E+00	3.17E+01	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.80E-03	2.60E-02	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0037	8.73E-04	2.96E-02	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00434	3.07E-03	2.38E-02	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.18E-10	9.33E-04	2.20E-02	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	3.90E-02	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00335	8.00E-04	2.50E-02	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.13E-03	3.82E-02	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	4.97E-10	1.97E-03	2.29E-02	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00514	1.00E-03	2.90E-02	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00554	1.63E-03	3.49E-02	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00433	2.04E-03	1.58E-02	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0099	1.97E-03	3.20E-02	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00233	1.10E-03	3.80E-02	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00335	1.13E-03	2.90E-02	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00478	1.95E-03	4.52E-02	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00417	1.70E-03	1.52E-02	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	26.4	5.33E+00	5.60E+01	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.54	4.07E+00	4.20E+01	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.6	5.93E+00	6.04E+01	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.2	6.33E+00	6.90E+01	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.9	8.67E+00	3.60E+01	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.5	5.67E+00	5.70E+01	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.4	6.67E+00	6.10E+01	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	24.2	4.63E+00	5.10E+01	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.78	4.33E-01	3.60E+00	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.69	4.70E-01	5.18E+00	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.37	4.17E-01	3.62E+00	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.35	5.33E-01	6.10E+00	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.1	3.67E-01	4.10E+00	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.12	4.00E-01	3.40E+00	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.633	4.57E-01	4.76E+00	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.99	4.23E-01	3.53E+00	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.12	4.67E-02	4.90E-01	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.177	2.64E-02	2.54E-01	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0802	4.87E-02	4.95E-01	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.362	5.00E-02	4.70E-01	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.125	4.00E-02	4.20E-01	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0187	4.33E-02	4.80E-01	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0812	3.21E-02	3.33E-01	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.237	4.73E-02	4.66E-01	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0499	7.00E-03	1.60E-01	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0487	3.77E-03	3.93E-02	—	pCi/L	—	J	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.062	4.70E-03	4.11E-02	—	pCi/L	—	J	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.028	3.27E-03	6.50E-02	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.112	6.67E-03	8.70E-02	—	pCi/L	—	—	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0572	9.33E-03	1.70E-01	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0496	4.03E-03	4.15E-02	—	pCi/L	—	J	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.104	5.23E-03	4.01E-02	—	pCi/L	—	J	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00561	3.23E-03	8.30E-02	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC

Table C-2 Water Canyon 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
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0129	2.04E-03	3.05E-02	—	pCi/L	U	U	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0144	1.97E-03	4.19E-02	—	pCi/L	U	U	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00301	1.73E-03	3.30E-02	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00718	2.43E-03	4.40E-02	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	5.67E-03	8.70E-02	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00454	1.86E-03	3.21E-02	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00467	2.20E-03	4.09E-02	—	pCi/L	U	U	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0136	4.67E-03	8.80E-02	—	pCi/L	U	U	09-54	CAWA-08-15930	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0348	2.80E-03	3.44E-02	—	pCi/L	—	J	196538	GF071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.062	4.03E-03	2.91E-02	—	pCi/L	—	J	179921	GF070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0194	3.07E-03	2.90E-02	—	pCi/L	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.051	4.00E-03	5.30E-02	—	pCi/L	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0429	5.33E-03	9.30E-02	—	pCi/L	U	U	09-54	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0294	2.66E-03	3.63E-02	—	pCi/L	U	U	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	01/29/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.068	4.27E-03	2.84E-02	—	pCi/L	—	J	179921	GU070100P25601	GELC
Canon de Valle below MDA P	—	—	09/07/10	WS	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)anthracene	—	0.25	—	—	2.00E-01	ug/L	J	J	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	—	10/15/09	WS	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)anthracene	<	1.16	—	—	2.30E-01	ug/L	U	U	10-147	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	—	10/07/08	WS	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)anthracene	<	1.1	—	—	2.20E-01	ug/L	U	U	09-52	CAWA-08-15928	GELC
Canon de Valle below MDA P	—	—	10/25/07	WP	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)anthracene	<	1	—	—	2.00E-01	ug/L	U	—	196538	GU071000P25601	GELC
Canon de Valle below MDA P	—	—	06/01/07	WS	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)anthracene	<	1.15	—	—	2.30E-01	ug/L	U	—	187064	GU070500P25601	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.8	—	—	7.30E-01	mg/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.6	—	—	7.30E-01	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.7	—	—	7.30E-01	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.8	—	—	7.30E-01	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.6	—	—	7.30E-01	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.029	—	—	1.60E-02	mg/L	J	J-	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.035	—	—	1.60E-02	mg/L	J	U	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.044	—	—	1.60E-02	mg/L	J	U	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	5.00E-02	mg/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	5.00E-02	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	3.00E-02	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	3.00E-02	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	5.00E-02	mg/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	3.00E-02	mg/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	3.00E-02	mg/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.82	—	—	6.60E-02	mg/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.77	—	—	6.60E-02	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.49	—	—	6.60E-02	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	RE	—	Geninorg	EPA:300.0	Chloride	—	6.49	—	—	6.60E-02	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.61	—	—	6.60E-02	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.77	—	—	6.60E-02	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0983	—	—	3.30E-02	mg/L	J	J	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.111	—	—	3.30E-02	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.327	—	—	3.30E-02	mg/L	—	R	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.0488	—	—	3.30E-02	mg/L	J	J	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.107	—	—	3.30E-02	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.112	—	—	3.30E-02	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.6	—	—	3.50E-01	mg/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.1	—	—	3.50E-01	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.8	—	—	3.50E-01	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55	—	—	3.50E-01	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.4	—	—	3.50E-01	mg/L	—	—	09-129	CAWA-08-16018	GELC

Table C-2 Water Canyon 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
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.7	—	—	3.50E-01	mg/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.2	—	—	3.50E-01	mg/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53	—	—	3.50E-01	mg/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.5	—	—	3.50E-01	mg/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.1	—	—	3.50E-01	mg/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.45	—	—	8.50E-02	mg/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.24	—	—	8.50E-02	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.33	—	—	8.50E-02	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.56	—	—	8.50E-02	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.4	—	—	8.50E-02	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.44	—	—	8.50E-02	mg/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.5	—	—	8.50E-02	mg/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.2	—	—	8.50E-02	mg/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.52	—	—	8.50E-02	mg/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.3	—	—	8.50E-02	mg/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.842	—	—	1.00E-01	mg/L	—	J	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.88	—	—	5.00E-02	mg/L	—	J	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.83	—	—	5.00E-02	mg/L	—	J	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.785	—	—	5.00E-02	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.73	—	—	5.00E-02	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.501	—	—	5.00E-02	ug/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.493	—	—	5.00E-02	ug/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.565	—	—	5.00E-02	ug/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.49	—	—	5.00E-02	ug/L	—	J	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.507	—	—	5.00E-02	ug/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.5	—	—	5.00E-02	mg/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	5.00E-02	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.35	—	—	5.00E-02	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.38	—	—	5.00E-02	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	5.00E-02	mg/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.44	—	—	5.00E-02	mg/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	5.00E-02	mg/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.38	—	—	5.00E-02	mg/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	5.00E-02	mg/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	1.00E-01	mg/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	1.00E-01	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	1.00E-01	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	4.50E-02	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	4.50E-02	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	1.00E-01	mg/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	1.00E-01	mg/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	1.00E-01	mg/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	4.50E-02	mg/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	4.50E-02	mg/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	173	—	—	1.00E+00	uS/cm	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1.00E+00	uS/cm	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1.00E+00	uS/cm	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1.00E+00	uS/cm	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1.00E+00	uS/cm	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.87	—	—	1.00E-01	mg/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.73	—	—	1.00E-01	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.67	—	—	1.00E-01	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	RE	—	Geninorg	EPA:300.0	Sulfate	—	8.67	—	—	1.00E-01	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.33	—	—	1.00E-01	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.66	—	—	1.00E-01	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.40E+00	mg/L	—	—	10-4557	CAWA-10-25806	GELC

Table C-2 Water Canyon 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
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.40E+00	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.40E+00	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.40E+00	mg/L	—	J	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.921	—	—	3.30E-01	mg/L	J	J	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.927	—	—	3.30E-01	mg/L	J	J	10-2807	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.592	—	—	3.30E-01	mg/L	J	J	10-132	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.788	—	—	3.30E-01	mg/L	J	J	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.03	—	—	3.30E-01	mg/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.24	—	—	1.00E-02	SU	H	J-	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.13	—	—	1.00E-02	SU	H	J-	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.04	—	—	1.00E-02	SU	H	J-	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	1.00E-02	SU	H	J-	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.08	—	—	1.00E-02	SU	H	J-	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.227	—	—	1.00E-01	ug/L	J	J	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.21	—	—	1.00E-01	ug/L	J	J	10-2807	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.176	—	—	1.00E-01	ug/L	J	J	10-132	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.205	—	—	1.30E-01	ug/L	J	J	09-1430	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.224	—	—	1.30E-01	ug/L	J	J	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.139	—	—	1.00E-01	ug/L	J	J	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.134	—	—	1.00E-01	ug/L	J	J	10-2807	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.111	—	—	1.00E-01	ug/L	J	J	10-132	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.169	—	—	1.20E-01	ug/L	J	J	09-1430	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.207	—	—	1.20E-01	ug/L	J	J	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.62	—	—	1.00E-01	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.4	—	—	1.00E-01	ug/L	—	—	10-2807	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.43	—	—	1.00E-01	ug/L	—	—	10-132	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.66	—	—	1.00E-01	ug/L	—	—	09-1430	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.85	—	—	1.00E-01	ug/L	—	J	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.27	—	—	9.10E-02	ug/L	J	J	10-4556	CAWA-10-25807	STSL
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	U	10-2806	CAWA-10-15148	STSL
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.34	—	—	9.10E-02	ug/L	J	J	10-131	CAWA-09-14137	STSL
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.3	—	—	9.10E-02	ug/L	J	J	09-1432	CAWA-09-5600	STSL
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	U	09-128	CAWA-08-16020	STSL
CdV-16-1(i)	5421	624	09/13/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	32.2	—	—	5.20E-01	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	28.5	—	—	5.20E-01	ug/L	—	—	10-2807	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	27.9	—	—	5.20E-01	ug/L	—	J	10-132	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	26.8	—	—	6.50E-01	ug/L	—	—	09-1430	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	30.5	—	—	6.50E-01	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.17	—	—	8.20E-02	ug/L	J	J	10-4556	CAWA-10-25807	STSL
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	10-2806	CAWA-10-15148	STSL
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.21	—	—	8.20E-02	ug/L	J	J	10-131	CAWA-09-14137	STSL
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.2	—	—	8.20E-02	ug/L	J	J	09-1432	CAWA-09-5600	STSL
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	09-128	CAWA-08-16020	STSL
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.5	—	—	1.00E+00	ug/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.6	—	—	1.00E+00	ug/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.9	—	—	1.00E+00	ug/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.2	—	—	1.00E+00	ug/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.9	—	—	1.00E+00	ug/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.4	—	—	1.00E+00	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.8	—	—	1.00E+00	ug/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.8	—	—	1.00E+00	ug/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16	—	—	1.00E+00	ug/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.9	—	—	1.00E+00	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	58.1	—	—	1.50E+01	ug/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	55.9	—	—	1.50E+01	ug/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	51.9	—	—	1.50E+01	ug/L	—	—	10-133	CAWA-09-14136	GELC

Table C-2 Water Canyon 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
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	62.8	—	—	1.00E+01	ug/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	55.8	—	—	1.00E+01	ug/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	57.8	—	—	1.50E+01	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	57.5	—	—	1.50E+01	ug/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	51.1	—	—	1.50E+01	ug/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	61.3	—	—	1.00E+01	ug/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	54.6	—	—	1.00E+01	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.08	—	—	2.50E+00	ug/L	J	J	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.94	—	—	1.50E+00	ug/L	J	J	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.12	—	—	2.50E+00	ug/L	J	J	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.61	—	—	1.50E+00	ug/L	J	J	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.3	—	—	1.50E+00	ug/L	J	J	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	5.87	—	—	3.00E+00	ug/L	J	J	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	5.17	—	—	3.00E+00	ug/L	J	J	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	10.4	—	—	3.00E+00	ug/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.96	—	—	3.00E+00	ug/L	J	J	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	6.9	—	—	3.00E+00	ug/L	J	J	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	11.6	—	—	3.00E+00	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	7.54	—	—	3.00E+00	ug/L	J	J	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	11.3	—	—	3.00E+00	ug/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	7.16	—	—	3.00E+00	ug/L	J	J	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	12.3	—	—	3.00E+00	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.22	—	—	2.00E+00	ug/L	J	J	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.76	—	—	2.00E+00	ug/L	J	J	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.81	—	—	2.00E+00	ug/L	J	J	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.51	—	—	2.00E+00	ug/L	J	J	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.5	—	—	2.00E+00	ug/L	J	J	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.62	—	—	2.00E+00	ug/L	J	J	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.25	—	—	2.00E+00	ug/L	J	J	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.06	—	—	2.00E+00	ug/L	J	J	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.6	—	—	2.00E+00	ug/L	J	J	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	1.00E-01	ug/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	1.00E-01	ug/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	1.00E-01	ug/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.00E-01	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	1.00E-01	ug/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	1.00E-01	ug/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.6	—	—	1.00E-01	ug/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	1.00E-01	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10	—	—	5.00E-01	ug/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.92	—	—	5.00E-01	ug/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.41	—	—	5.00E-01	ug/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.51	—	—	5.00E-01	ug/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	7.4	—	—	5.00E-01	ug/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.79	—	—	5.00E-01	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.55	—	—	5.00E-01	ug/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.1	—	—	5.00E-01	ug/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.45	—	—	5.00E-01	ug/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.6	—	—	5.00E-01	ug/L	—	—	09-129	CAWA-08-16020	GELC

Table C-2 Water Canyon 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
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.6	—	—	5.30E-02	mg/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.3	—	—	5.30E-02	mg/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.8	—	—	5.30E-02	mg/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.3	—	—	3.20E-02	mg/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.6	—	—	3.20E-02	mg/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.9	—	—	1.00E+00	ug/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.9	—	—	1.00E+00	ug/L	—	—	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.6	—	—	1.00E+00	ug/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.3	—	—	1.00E+00	ug/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.6	—	—	1.00E+00	ug/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	93.9	—	—	1.00E+00	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98	—	—	1.00E+00	ug/L	—	—	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.6	—	—	1.00E+00	ug/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	93	—	—	1.00E+00	ug/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.4	—	—	1.00E+00	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.509	—	—	5.00E-02	ug/L	—	—	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.559	—	—	5.00E-02	ug/L	—	J	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.475	—	—	5.00E-02	ug/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.609	—	—	5.00E-02	ug/L	—	—	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.62	—	—	5.00E-02	ug/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.561	—	—	5.00E-02	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.584	—	—	5.00E-02	ug/L	—	J	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.481	—	—	5.00E-02	ug/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.611	—	—	5.00E-02	ug/L	—	—	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.62	—	—	5.00E-02	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.29	—	—	1.00E+00	ug/L	J	J	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.51	—	—	1.00E+00	ug/L	J	J	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.81	—	—	1.00E+00	ug/L	J	J	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.51	—	—	1.00E+00	ug/L	J	J	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	ug/L	J	J	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.86	—	—	1.00E+00	ug/L	J	J	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.59	—	—	1.00E+00	ug/L	J	J	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.98	—	—	1.00E+00	ug/L	J	J	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.39	—	—	1.00E+00	ug/L	J	J	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	ug/L	J	J	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.9	—	—	3.30E+00	ug/L	J	J	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.48	—	—	3.30E+00	ug/L	J	U	10-2808	CAWA-10-15147	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.9	—	—	3.30E+00	ug/L	—	—	10-133	CAWA-09-14136	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.7	—	—	2.00E+00	ug/L	J	J	09-1429	CAWA-09-5598	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	25.5	—	—	2.00E+00	ug/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.11	—	—	3.30E+00	ug/L	J	J	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.77	—	—	3.30E+00	ug/L	J	U	10-2808	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.29	—	—	3.30E+00	ug/L	J	J	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.94	—	—	2.00E+00	ug/L	J	J	09-1429	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	34.2	—	—	2.00E+00	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00669	2.60E-03	2.60E-02	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0107	2.42E-03	3.12E-02	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00244	2.80E-03	3.90E-02	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	6.33E-04	3.70E-02	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0069	2.87E-03	2.60E-02	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00317	1.68E-03	3.14E-02	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.9	5.33E-01	4.30E+00	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.75	4.93E-01	3.93E+00	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-5.03	6.00E-01	4.90E+00	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.43	5.67E-01	5.10E+00	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.81	4.33E-01	4.60E+00	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.02	5.27E-01	4.61E+00	—	pCi/L	U	U	196275	GU07100GC16i01	GELC

Table C-2 Water Canyon 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
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.54	4.33E-01	4.60E+00	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.58	5.93E-01	3.91E+00	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0893	5.33E-01	5.20E+00	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.808	5.00E-01	4.40E+00	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.301	4.67E-01	4.60E+00	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.334	4.87E-01	4.88E+00	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	2.34	3.77E-01	3.29E+00	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.491	1.90E-01	2.30E+00	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.12	2.20E-01	2.10E+00	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.38	1.30E-01	9.87E-01	—	pCi/L	—	J	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.47	2.88E-01	2.25E+00	—	pCi/L	—	J	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.45	2.90E-01	2.80E+00	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.116	1.77E-01	2.00E+00	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.34	2.89E-01	2.85E+00	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	0.73	3.03E+00	9.60E+00	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	87.6	2.22E+01	2.47E+02	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.8	2.47E+00	3.20E+01	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62.1	1.40E+01	6.10E+01	—	pCi/L	—	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.5	1.00E+01	9.10E+01	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	58.1	1.80E+01	1.81E+02	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.19	3.33E+00	3.30E+01	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.33	4.40E+00	3.72E+01	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.45	1.13E+00	1.20E+01	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.32	2.47E+00	2.40E+01	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.4	4.00E+00	4.00E+01	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.3	3.63E+00	3.43E+01	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00185	1.07E-03	2.80E-02	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00678	2.12E-03	2.71E-02	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00923	1.90E-03	2.50E-02	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00614	2.47E-03	3.40E-02	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00174	8.33E-04	2.60E-02	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00994	1.75E-03	2.65E-02	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.93E-03	3.20E-02	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00339	1.13E-03	3.20E-02	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0118	3.33E-03	3.80E-02	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00409	9.67E-04	3.40E-02	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00868	1.73E-03	3.00E-02	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00166	5.53E-04	3.13E-02	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-46.1	6.67E+00	6.10E+01	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.3	6.70E+00	6.82E+01	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.29	8.33E+00	8.00E+01	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.4	5.33E+00	5.90E+01	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.12	5.67E+00	5.70E+01	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11	6.23E+00	6.42E+01	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.36	3.33E-01	3.40E+00	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1	4.63E-01	4.26E+00	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.72	5.67E-01	4.80E+00	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.128	5.33E-01	5.20E+00	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.501	3.33E-01	3.30E+00	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.45	4.37E-01	3.25E+00	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0777	3.67E-02	4.70E-01	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.151	4.10E-02	4.23E-01	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.254	5.00E-02	4.90E-01	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00563	4.00E-02	3.90E-01	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.141	4.67E-02	4.90E-01	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.291	5.07E-02	4.87E-01	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.462	1.37E-02	7.30E-02	—	pCi/L	—	—	09-129	CAWA-08-16018	GELC

Table C-2 Water Canyon 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
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.408	1.30E-02	5.06E-02	—	pCi/L	—	—	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.396	1.37E-02	5.80E-02	—	pCi/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.522	1.90E-02	1.20E-01	—	pCi/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.429	1.43E-02	9.20E-02	—	pCi/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.401	1.35E-02	5.36E-02	—	pCi/L	—	—	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00519	2.13E-03	3.90E-02	—	pCi/L	U	U	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0139	3.08E-03	3.92E-02	—	pCi/L	U	U	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0107	1.80E-03	2.90E-02	—	pCi/L	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0199	3.00E-03	5.90E-02	—	pCi/L	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0293	3.67E-03	4.90E-02	—	pCi/L	U	U	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0147	4.03E-03	4.15E-02	—	pCi/L	U	U	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.16	7.33E-03	3.90E-02	—	pCi/L	—	—	09-129	CAWA-08-16018	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.13	7.23E-03	4.43E-02	—	pCi/L	—	J	196275	GF07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.184	8.00E-03	2.60E-02	—	pCi/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.277	1.20E-02	7.10E-02	—	pCi/L	—	—	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.15	7.33E-03	4.90E-02	—	pCi/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	10/22/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.135	8.00E-03	4.69E-02	—	pCi/L	—	J	196275	GU07100GC16i01	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	1.3	—	—	2.50E-01	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	0.966	—	—	2.50E-01	ug/L	J	J	10-2807	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	1.22	—	—	2.50E-01	ug/L	—	—	10-132	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	1.03	—	—	2.50E-01	ug/L	—	—	09-1430	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	1.27	—	—	2.50E-01	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.07	—	—	3.00E-01	ug/L	—	—	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.41	—	—	3.00E-01	ug/L	—	—	10-2807	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.21	—	—	3.00E-01	ug/L	—	—	10-132	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.13	—	—	4.50E-01	ug/L	—	—	09-1430	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.13	—	—	4.50E-01	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-1(i)	5421	624	09/13/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.29	—	—	2.50E-01	ug/L	J	J	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	5421	624	04/16/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.268	—	—	2.50E-01	ug/L	J	J	10-2807	CAWA-10-15148	GELC
CdV-16-1(i)	5421	624	10/14/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.84	—	—	2.50E-01	ug/L	—	—	10-132	CAWA-09-14137	GELC
CdV-16-1(i)	5421	624	04/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	2.75	—	—	2.50E-01	ug/L	—	—	09-1430	CAWA-09-5600	GELC
CdV-16-1(i)	5421	624	10/20/08	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	21.1	—	—	2.50E-01	ug/L	—	—	09-129	CAWA-08-16020	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.3	—	—	7.30E-01	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47.4	—	—	7.30E-01	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47.6	—	—	7.30E-01	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.7	—	—	7.30E-01	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.4	—	—	7.30E-01	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.078	—	—	1.60E-02	mg/L	—	J-	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.043	—	—	1.60E-02	mg/L	J	J-	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.04	—	—	1.60E-02	mg/L	J	J-	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.019	—	—	1.60E-02	mg/L	J	U	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.037	—	—	1.60E-02	mg/L	J	U	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	8.68	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.68	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.51	—	—	5.00E-02	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.55	—	—	5.00E-02	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.49	—	—	3.00E-02	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	9.41	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.27	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.65	—	—	5.00E-02	mg/L	—	—	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.02	—	—	5.00E-02	mg/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	3.00E-02	mg/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	6.60E-02	mg/L	—	J+	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.96	—	—	6.60E-02	mg/L	—	J+	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.95	—	—	6.60E-02	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.85	—	—	6.60E-02	mg/L	—	—	10-90	CAWA-09-14143	GELC

Table C-2 Water Canyon 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
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.16	—	—	6.60E-02	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.155	—	—	3.30E-02	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.158	—	—	3.30E-02	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.169	—	—	3.30E-02	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.288	—	—	3.30E-02	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.184	—	—	3.30E-02	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	30.5	—	—	3.50E-01	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.6	—	—	3.50E-01	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.4	—	—	3.50E-01	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.3	—	—	3.50E-01	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.7	—	—	3.50E-01	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	33.6	—	—	3.50E-01	mg/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.7	—	—	3.50E-01	mg/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.1	—	—	3.50E-01	mg/L	—	—	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.8	—	—	3.50E-01	mg/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.3	—	—	3.50E-01	mg/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.15	—	—	8.50E-02	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.18	—	—	8.50E-02	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.23	—	—	8.50E-02	mg/L	E	J	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.18	—	—	8.50E-02	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.42	—	—	8.50E-02	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.45	—	—	8.50E-02	mg/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.32	—	—	8.50E-02	mg/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.31	—	—	8.50E-02	mg/L	E	J	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.5	—	—	8.50E-02	mg/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.14	—	—	8.50E-02	mg/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.52	—	—	5.00E-02	mg/L	—	J	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.52	—	—	5.00E-02	mg/L	—	J	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.498	—	—	5.00E-02	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.289	—	—	5.00E-02	mg/L	—	J	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	5.00E-02	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.837	—	—	1.00E-01	mg/L	—	—	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.28	—	—	5.00E-02	ug/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.277	—	—	5.00E-02	ug/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.242	—	—	5.00E-02	ug/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.277	—	—	5.00E-02	ug/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	5.00E-02	ug/L	—	J	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	0.269	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.244	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.255	—	—	5.00E-02	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.308	—	—	5.00E-02	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.289	—	—	5.00E-02	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	0.385	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.343	—	—	5.00E-02	mg/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.301	—	—	5.00E-02	mg/L	—	—	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.413	—	—	5.00E-02	mg/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.12	—	—	5.00E-02	mg/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	1.00E-01	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.00E-01	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	4.50E-02	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	1.00E-01	mg/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	1.00E-01	mg/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	1.00E-01	mg/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.8	—	—	4.50E-02	mg/L	—	—	09-1334	CAWA-09-5603	GELC

Table C-2 Water Canyon 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
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	115	—	—	1.00E+00	uS/cm	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	115	—	—	1.00E+00	uS/cm	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	110	—	—	1.00E+00	uS/cm	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	uS/cm	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1.00E+00	uS/cm	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	3.38	—	—	1.00E-01	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.37	—	—	1.00E-01	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.19	—	—	1.00E-01	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.27	—	—	1.00E-01	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.01	—	—	1.00E-01	mg/L	—	J-	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	117	—	—	2.40E+00	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	2.40E+00	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.40E+00	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	103	—	—	2.40E+00	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	118	—	—	2.40E+00	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.847	—	—	3.30E-01	mg/L	J	J	10-4476	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.816	—	—	3.30E-01	mg/L	J	J	10-4476	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.592	—	—	3.30E-01	mg/L	J	J	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.842	—	—	3.30E-01	mg/L	J	J	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.612	—	—	3.30E-01	mg/L	J	J	09-1333	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.22	—	—	1.00E-02	SU	H	J-	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	1.00E-02	SU	H	J-	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.19	—	—	1.00E-02	SU	H	J-	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.22	—	—	1.00E-02	SU	H	J-	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.03	—	—	1.00E-02	SU	H	J-	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Hexp	SW-846:8321	HMX	—	0.332	—	—	1.00E-01	ug/L	—	J	10-4476	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.386	—	—	1.00E-01	ug/L	—	J	10-4476	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.282	—	—	1.00E-01	ug/L	J	J	10-2656	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.344	—	—	1.00E-01	ug/L	—	—	10-89	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.32	—	—	1.00E-01	ug/L	J	J	09-1333	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.2	—	—	9.10E-02	ug/L	J	J	10-4475	CAWA-10-25779	STSL
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	U	10-2658	CAWA-10-15154	STSL
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.25	—	—	9.10E-02	ug/L	JP	J	10-91	CAWA-09-14145	STSL
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.16	—	—	9.10E-02	ug/L	J	J	09-1332	CAWA-09-5603	STSL
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	DL	FD	Hexp	SW-846:8321	RDX	—	51.2	—	—	1.00E+00	ug/L	—	J+	10-4476	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	52.1	—	—	1.00E+00	ug/L	—	J+	10-4476	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	56.9	—	—	1.00E+00	ug/L	H	J-	10-2656	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	70	—	—	1.00E+00	ug/L	—	J	10-89	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	56.2	—	—	6.50E-01	ug/L	—	—	09-1333	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.206	—	—	1.00E-01	ug/L	J	J	10-4476	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.195	—	—	1.00E-01	ug/L	J	J	10-4476	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.153	—	—	1.00E-01	ug/L	J	J	10-2656	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.147	—	—	1.00E-01	ug/L	J	J	10-89	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.15	—	—	1.00E-01	ug/L	J	J	09-1333	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	954	—	—	6.80E+01	ug/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	536	—	—	6.80E+01	ug/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	229	—	—	6.80E+01	ug/L	—	—	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	746	—	—	6.80E+01	ug/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2130	—	—	6.80E+01	ug/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	2.47	—	—	1.00E+00	ug/L	J	J	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	2.96	—	—	1.00E+00	ug/L	J	J	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	2.44	—	—	1.00E+00	ug/L	J	J	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	2.97	—	—	1.00E+00	ug/L	J	J	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	2.83	—	—	1.00E+00	ug/L	J	J	09-1334	CAWA-09-5602	GELC

Table C-2 Water Canyon 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
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	7.08	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	5.61	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	3.55	—	—	1.00E+00	ug/L	J	J	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.1	—	—	1.00E+00	ug/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	64.8	—	—	1.00E+00	ug/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	18.8	—	—	1.50E+01	ug/L	J	J	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	1.50E+01	ug/L	J	J	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.4	—	—	1.50E+01	ug/L	J	J	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21	—	—	1.00E+01	ug/L	J	J	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	19.8	—	—	1.50E+01	ug/L	J	J	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.2	—	—	1.50E+01	ug/L	J	J	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.3	—	—	1.50E+01	ug/L	J	J	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.2	—	—	1.00E+01	ug/L	J	J	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Metals	SW-846:6010B	Copper	—	5.51	—	—	3.00E+00	ug/L	J	J	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.05	—	—	3.00E+00	ug/L	J	J	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.32	—	—	3.00E+00	ug/L	J	J	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.55	—	—	3.00E+00	ug/L	J	J	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6010B	Copper	—	7.11	—	—	3.00E+00	ug/L	J	J	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	7.43	—	—	3.00E+00	ug/L	J	J	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.4	—	—	3.00E+00	ug/L	J	J	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.91	—	—	3.00E+00	ug/L	J	J	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	676	—	—	3.00E+01	ug/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	423	—	—	3.00E+01	ug/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	176	—	—	3.00E+01	ug/L	—	—	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	498	—	—	3.00E+01	ug/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2030	—	—	2.50E+01	ug/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6020	Lead	—	2.08	—	—	5.00E-01	ug/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.85	—	—	5.00E-01	ug/L	J	J	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.569	—	—	5.00E-01	ug/L	J	J	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.16	—	—	5.00E-01	ug/L	J	J	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.14	—	—	5.00E-01	ug/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.24	—	—	2.00E+00	ug/L	J	J	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.03	—	—	2.00E+00	ug/L	J	J	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.85	—	—	2.00E+00	ug/L	J	J	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	14.5	—	—	2.00E+00	ug/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.1	—	—	2.00E+00	ug/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.85	—	—	2.00E+00	ug/L	J	J	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.66	—	—	2.00E+00	ug/L	J	J	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	98.1	—	—	2.00E+00	ug/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	1.00E-01	ug/L	—	J	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	1.00E-01	ug/L	—	J	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.951	—	—	1.00E-01	ug/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.55	—	—	1.00E-01	ug/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.00E-01	ug/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	1.00E-01	ug/L	—	J	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.35	—	—	1.00E-01	ug/L	—	J	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.994	—	—	1.00E-01	ug/L	—	—	10-2657	CAWA-10-15154	GELC

Table C-2 Water Canyon 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
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	1.00E-01	ug/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	9.56	—	—	1.00E-01	ug/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	63.9	—	—	5.30E-02	mg/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.8	—	—	5.30E-02	mg/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.8	—	—	5.30E-02	mg/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.4	—	—	5.30E-02	mg/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.8	—	—	3.20E-02	mg/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.4	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.1	—	—	1.00E+00	ug/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.7	—	—	1.00E+00	ug/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.7	—	—	1.00E+00	ug/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	62.4	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.3	—	—	1.00E+00	ug/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1.00E+00	ug/L	—	—	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.8	—	—	1.00E+00	ug/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.3	—	—	1.00E+00	ug/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.232	—	—	5.00E-02	ug/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.259	—	—	5.00E-02	ug/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.382	—	—	5.00E-02	ug/L	—	—	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.539	—	—	5.00E-02	ug/L	—	J	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.506	—	—	5.00E-02	ug/L	—	J	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.303	—	—	5.00E-02	ug/L	—	—	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.387	—	—	5.00E-02	ug/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.18	—	—	5.00E-02	ug/L	—	—	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1.00E+00	ug/L	J	J	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.44	—	—	1.00E+00	ug/L	J	J	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.15	—	—	1.00E+00	ug/L	J	J	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.59	—	—	1.00E+00	ug/L	J	J	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.72	—	—	1.00E+00	ug/L	J	U	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.84	—	—	1.00E+00	ug/L	J	J	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1.00E+00	ug/L	J	J	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.34	—	—	1.00E+00	ug/L	J	J	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.95	—	—	1.00E+00	ug/L	J	J	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.19	—	—	1.00E+00	ug/L	—	J	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	FD	Metals	SW-846:6010B	Zinc	—	15.9	—	—	3.30E+00	ug/L	—	—	10-4477	CAWA-10-25780	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.5	—	—	3.30E+00	ug/L	—	—	10-4477	CAWA-10-25776	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	13.8	—	—	3.30E+00	ug/L	—	—	10-2657	CAWA-10-15156	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.4	—	—	3.30E+00	ug/L	—	—	10-90	CAWA-09-14143	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	16.6	—	—	2.00E+00	ug/L	—	J	09-1334	CAWA-09-5602	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	21.5	—	—	3.30E+00	ug/L	—	—	10-4477	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.7	—	—	3.30E+00	ug/L	—	—	10-4477	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.2	—	—	3.30E+00	ug/L	—	—	10-2657	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.8	—	—	3.30E+00	ug/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	36.5	—	—	2.00E+00	ug/L	—	J	09-1334	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0124	3.33E-03	2.80E-02	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0111	3.77E-03	5.30E-02	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0119	2.91E-03	2.68E-02	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00532	1.17E-03	4.20E-02	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00153	8.33E-04	3.60E-02	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00214	1.20E-03	6.40E-02	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0069	2.47E-03	3.00E-02	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0165	5.23E-03	5.98E-02	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00742	2.04E-03	2.59E-02	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.94	4.00E-01	4.50E+00	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.1	3.70E-01	3.37E+00	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.25	3.60E-01	3.75E+00	—	pCi/L	U	U	180371	GF07010162IR01	GELC

Table C-2 Water Canyon 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
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-1.59	5.00E-01	4.70E+00	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.32	4.00E-01	4.50E+00	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.56	5.67E-01	4.90E+00	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.215	4.00E-01	3.90E+00	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.68	4.07E-01	3.61E+00	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.02	4.47E-01	4.00E+00	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.04	4.00E-01	4.40E+00	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.35	4.23E-01	2.99E+00	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.544	4.40E-01	3.49E+00	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.712	5.00E-01	5.10E+00	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.27	4.67E-01	5.00E+00	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.9	4.00E-01	4.50E+00	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.23	4.67E-01	5.20E+00	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.25	4.57E-01	4.15E+00	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.493	4.03E-01	4.04E+00	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.47	2.62E-01	2.39E+00	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.47	1.87E-01	1.48E+00	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.22	2.43E-01	2.20E+00	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.314	1.27E-01	2.30E+00	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.267	2.43E-01	2.90E+00	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.08	2.94E-01	2.43E+00	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.4	2.54E-01	2.45E+00	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.388	2.80E-01	2.97E+00	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.37	1.49E-01	1.44E+00	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	1.2	2.80E-01	2.80E+00	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.08	2.57E-01	2.60E+00	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.798	2.77E-01	2.90E+00	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.74	2.99E-01	2.91E+00	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.03	1.47E-01	1.43E+00	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.55	5.00E+00	2.40E+01	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	142	2.86E+01	4.57E+02	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	84.8	1.98E+01	3.09E+02	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	—	48.5	5.00E+00	3.80E+01	—	pCi/L	—	—	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	42.7	4.67E+00	3.70E+01	—	pCi/L	—	—	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	142	1.27E+01	7.80E+01	—	pCi/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.1	3.20E+00	2.30E+01	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	104	2.53E+01	2.67E+02	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	70.8	3.87E+01	2.66E+02	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.49	3.33E+00	3.00E+01	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.3	3.77E+00	3.42E+01	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.6	2.95E+00	2.77E+01	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-6.79	1.17E+00	1.10E+01	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.21	8.33E-01	7.50E+00	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.25	3.67E+00	3.70E+01	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.59	2.83E+00	2.90E+01	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.3	4.20E+00	3.10E+01	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.584	3.37E+00	2.96E+01	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00391	1.13E-03	3.00E-02	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00215	1.24E-03	3.13E-02	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00651	3.07E-03	3.57E-02	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0.00915	2.93E-03	2.00E-02	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-1.9E-09	2.67E-03	2.20E-02	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00452	1.83E-03	3.80E-02	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00202	1.17E-03	3.10E-02	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.005	1.67E-03	2.42E-02	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.64E-03	2.51E-02	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	9.33E-04	3.40E-02	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC

Table C-2 Water Canyon 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
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.27E-03	3.67E-02	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00325	1.88E-03	2.38E-02	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00366	1.73E-03	3.00E-02	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00397	1.63E-03	3.20E-02	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00226	3.10E-03	3.70E-02	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0162	2.87E-03	3.50E-02	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0117	1.48E-03	2.84E-02	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00687	1.33E-03	1.67E-02	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-14.9	4.67E+00	4.50E+01	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.4	7.40E+00	2.98E+01	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.5	5.33E+00	2.82E+01	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-14.1	8.00E+00	8.30E+01	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.6	5.33E+00	5.90E+01	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.8	5.33E+00	4.90E+01	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.248	5.33E+00	5.50E+01	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	25.5	4.47E+00	3.25E+01	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.38	5.77E+00	3.92E+01	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.65	4.00E-01	4.30E+00	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.72	3.73E-01	3.11E+00	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.297	3.43E-01	3.44E+00	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.457	4.67E-01	4.70E+00	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.54	4.00E-01	3.40E+00	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.07	5.33E-01	5.60E+00	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.34	3.67E-01	4.20E+00	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0552	3.29E-01	3.22E+00	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.897	3.80E-01	3.49E+00	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0925	2.00E-02	2.60E-01	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.117	4.17E-02	4.32E-01	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0436	3.28E-02	3.32E-01	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.441	5.33E-02	4.70E-01	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.216	3.23E-02	4.60E-01	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.261	4.33E-02	4.40E-01	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0505	2.77E-02	3.10E-01	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0465	2.58E-02	3.16E-01	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0377	3.53E-02	3.62E-01	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.139	6.67E-03	7.30E-02	—	pCi/L	—	—	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.196	8.33E-03	5.61E-02	—	pCi/L	—	—	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.186	8.83E-03	5.34E-02	—	pCi/L	—	—	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.176	8.00E-03	6.30E-02	—	pCi/L	—	—	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.189	9.00E-03	7.10E-02	—	pCi/L	—	—	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.218	9.33E-03	8.10E-02	—	pCi/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.201	9.00E-03	8.70E-02	—	pCi/L	—	—	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.348	1.15E-02	5.88E-02	—	pCi/L	—	—	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.229	9.17E-03	4.96E-02	—	pCi/L	—	—	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.013	2.30E-03	3.90E-02	—	pCi/L	U	U	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0129	3.11E-03	3.29E-02	—	pCi/L	U	U	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00622	2.08E-03	5.45E-02	—	pCi/L	U	U	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0144	2.57E-03	3.20E-02	—	pCi/L	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0163	3.27E-03	3.60E-02	—	pCi/L	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0113	1.90E-03	4.10E-02	—	pCi/L	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00931	2.73E-03	4.60E-02	—	pCi/L	U	U	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0162	2.87E-03	3.45E-02	—	pCi/L	U	U	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0202	4.20E-03	5.06E-02	—	pCi/L	U	U	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0714	4.67E-03	3.90E-02	—	pCi/L	—	—	09-138	CAWA-08-16021	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.127	6.27E-03	5.28E-02	—	pCi/L	—	J	185980	GF07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0856	6.60E-03	3.78E-02	—	pCi/L	—	J	180371	GF07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.103	5.67E-03	2.80E-02	—	pCi/L	—	—	10-4478	CAWA-10-25777	GELC

Table C-2 Water Canyon 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
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.147	7.67E-03	3.10E-02	—	pCi/L	—	—	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.134	7.00E-03	4.90E-02	—	pCi/L	—	—	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	10/21/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.148	7.33E-03	4.60E-02	—	pCi/L	—	—	09-138	CAWA-08-16022	GELC
CdV-16-2(i)r	6431	850	05/10/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.16	7.17E-03	5.53E-02	—	pCi/L	—	J	185980	GU07050162IR01	GELC
CdV-16-2(i)r	6431	850	02/05/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.105	6.87E-03	3.51E-02	—	pCi/L	—	J	180371	GU07010162IR01	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	0.34	—	—	3.00E-01	ug/L	J	J	10-4476	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	0.35	—	—	3.00E-01	ug/L	J	J	10-2656	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	0.34	—	—	3.00E-01	ug/L	J	J	10-89	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	<	1	—	—	4.50E-01	ug/L	U	U	09-1333	CAWA-09-5603	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	FD	Voa	SW-846:8260B	Toluene	—	7.49	—	—	2.50E-01	ug/L	—	—	10-4476	CAWA-10-25777	GELC
CdV-16-2(i)r	6431	850	09/07/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	9.91	—	—	2.50E-01	ug/L	—	—	10-4476	CAWA-10-25779	GELC
CdV-16-2(i)r	6431	850	04/01/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.51	—	—	2.50E-01	ug/L	—	—	10-2656	CAWA-10-15154	GELC
CdV-16-2(i)r	6431	850	10/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	2.25	—	—	2.50E-01	ug/L	—	—	10-89	CAWA-09-14145	GELC
CdV-16-2(i)r	6431	850	03/31/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	7.05	—	—	2.50E-01	ug/L	—	—	09-1333	CAWA-09-5603	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.5	—	—	7.30E-01	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.6	—	—	7.30E-01	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55	—	—	7.30E-01	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55	—	—	7.30E-01	mg/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0958	—	—	6.60E-02	mg/L	J	J	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.77	—	—	5.00E-02	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.88	—	—	5.00E-02	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.46	—	—	3.00E-02	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.83	—	—	5.00E-02	mg/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.71	—	—	5.00E-02	mg/L	—	—	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.77	—	—	5.00E-02	mg/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	3.00E-02	mg/L	—	—	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.5	—	—	6.60E-02	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.46	—	—	6.60E-02	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.39	—	—	6.60E-02	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.51	—	—	6.60E-02	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.14	—	—	3.30E-02	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.128	—	—	3.30E-02	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.264	—	—	3.30E-02	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.147	—	—	3.30E-02	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.6	—	—	3.50E-01	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.5	—	—	3.50E-01	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	3.50E-01	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	3.50E-01	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	3.50E-01	mg/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.1	—	—	3.50E-01	mg/L	—	—	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	3.50E-01	mg/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	3.50E-01	mg/L	—	—	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.21	—	—	8.50E-02	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.25	—	—	8.50E-02	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.24	—	—	8.50E-02	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	8.50E-02	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.22	—	—	8.50E-02	mg/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	8.50E-02	mg/L	—	—	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.17	—	—	8.50E-02	mg/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.46	—	—	8.50E-02	mg/L	—	—	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.264	—	—	5.00E-02	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.35	—	—	5.00E-02	mg/L	—	U	10-2735	CAWA-10-15182	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.169	—	—	5.00E-02	mg/L	J	U	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.288	—	—	5.00E-02	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	5.00E-02	ug/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.231	—	—	5.00E-02	ug/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	5.00E-02	ug/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.232	—	—	5.00E-02	ug/L	—	J	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	5.00E-02	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	5.00E-02	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	5.00E-02	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	5.00E-02	mg/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.35	—	—	5.00E-02	mg/L	—	—	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	5.00E-02	mg/L	—	—	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.77	—	—	1.00E-01	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	1.00E-01	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.72	—	—	1.00E-01	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.48	—	—	4.50E-02	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.79	—	—	1.00E-01	mg/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.63	—	—	1.00E-01	mg/L	—	—	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	uS/cm	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1.00E+00	uS/cm	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	121	—	—	1.00E+00	uS/cm	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	117	—	—	1.00E+00	uS/cm	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.78	—	—	1.00E-01	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	1.00E-01	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.67	—	—	1.00E-01	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.75	—	—	1.00E-01	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.40E+00	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.40E+00	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	112	—	—	2.40E+00	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	118	—	—	2.40E+00	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.144	—	—	3.30E-02	mg/L	—	J-	10-4058	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.041	—	—	3.30E-02	mg/L	J	J-	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	09-1321	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.393	—	—	3.30E-01	mg/L	J	J	10-4058	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.454	—	—	3.30E-01	mg/L	J	J	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.617	—	—	3.30E-01	mg/L	J	J	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.373	—	—	3.30E-01	mg/L	J	J	09-1321	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.2	—	—	1.00E-02	SU	H	J-	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.24	—	—	1.00E-02	SU	H	J-	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	6.29	—	—	1.50E+00	ug/L	—	U	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.31	—	—	1.50E+00	ug/L	J	U	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	6.07	—	—	1.50E+00	ug/L	—	U	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.69	—	—	1.50E+00	ug/L	J	J	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	6.76	—	—	1.50E+00	ug/L	—	U	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2.48	—	—	1.50E+00	ug/L	J	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	3.26	—	—	1.50E+00	ug/L	J	U	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22	—	—	1.00E+00	ug/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.3	—	—	1.00E+00	ug/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.1	—	—	1.00E+00	ug/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.2	—	—	1.00E+00	ug/L	—	—	09-1322	CAWA-09-5639	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.4	—	—	1.00E+00	ug/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.2	—	—	1.00E+00	ug/L	—	—	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.5	—	—	1.00E+00	ug/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.8	—	—	1.00E+00	ug/L	—	—	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.22	—	—	2.50E+00	ug/L	J	J	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.43	—	—	1.50E+00	ug/L	J	J	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.88	—	—	2.50E+00	ug/L	J	J	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.91	—	—	1.50E+00	ug/L	J	J	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.5	—	—	1.00E-01	ug/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.503	—	—	1.00E-01	ug/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.479	—	—	1.00E-01	ug/L	J	J	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.442	—	—	1.00E-01	ug/L	J	J	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.5	—	—	1.00E-01	ug/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.505	—	—	1.00E-01	ug/L	—	—	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	1.00E-01	ug/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.566	—	—	1.00E-01	ug/L	—	—	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.715	—	—	5.00E-01	ug/L	J	J	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.704	—	—	5.00E-01	ug/L	J	J	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U*	U	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.865	—	—	5.00E-01	ug/L	J	J	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.543	—	—	5.00E-01	ug/L	J	J	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.661	—	—	5.00E-01	ug/L	J	J	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.83	—	—	5.00E-01	ug/L	*	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.719	—	—	5.00E-01	ug/L	J	J	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.9	—	—	5.30E-02	mg/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64	—	—	5.30E-02	mg/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62	—	—	5.30E-02	mg/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.2	—	—	3.20E-02	mg/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	ug/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.3	—	—	1.00E+00	ug/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.8	—	—	1.00E+00	ug/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.7	—	—	1.00E+00	ug/L	—	—	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1.00E+00	ug/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.2	—	—	1.00E+00	ug/L	—	—	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.9	—	—	1.00E+00	ug/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.6	—	—	1.00E+00	ug/L	—	—	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.484	—	—	5.00E-02	ug/L	—	—	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.459	—	—	5.00E-02	ug/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.469	—	—	5.00E-02	ug/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.44	—	—	5.00E-02	ug/L	—	J	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.497	—	—	5.00E-02	ug/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.461	—	—	5.00E-02	ug/L	—	—	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.508	—	—	5.00E-02	ug/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.472	—	—	5.00E-02	ug/L	—	J	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1.00E+00	ug/L	J	J	10-4059	CAWA-10-24743	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.13	—	—	1.00E+00	ug/L	—	—	10-2735	CAWA-10-15182	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.37	—	—	1.00E+00	ug/L	—	—	10-95	CAWA-09-14152	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.66	—	—	1.00E+00	ug/L	J	J	09-1322	CAWA-09-5639	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.52	—	—	1.00E+00	ug/L	J	J	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.76	—	—	1.00E+00	ug/L	J	J	10-2735	CAWA-10-15181	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.17	—	—	1.00E+00	ug/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	03/30/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.91	—	—	1.00E+00	ug/L	J	J	09-1322	CAWA-09-5633	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00597	1.87E-03	2.50E-02	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0094	2.80E-03	3.56E-02	—	pCi/L	U	U	196378	GF07100G153401	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00172	1.43E-03	2.11E-02	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00901	1.33E-03	3.60E-02	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00598	1.73E-03	4.40E-02	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0014	1.37E-03	2.40E-02	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0114	2.71E-03	3.35E-02	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00369	8.90E-04	2.07E-02	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.46	4.00E-01	3.70E+00	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	6.13	7.20E-01	3.48E+00	—	pCi/L	UI	R	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.216	3.47E-01	3.27E+00	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.99	4.67E-01	5.20E+00	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.946	4.33E-01	4.40E+00	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.836	4.00E-01	3.70E+00	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.956	4.37E-01	4.49E+00	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.316	5.73E-01	4.89E+00	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.541	3.67E-01	3.90E+00	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.152	5.50E-01	5.26E+00	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.01	4.23E-01	4.28E+00	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.15	4.00E-01	3.70E+00	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.948	4.33E-01	4.40E+00	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.943	4.67E-01	4.90E+00	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0529	4.03E-01	3.93E+00	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.43	5.20E-01	5.45E+00	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	3.07	3.63E-01	2.81E+00	—	pCi/L	—	J	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.305	1.37E-01	1.55E+00	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.258	2.37E-01	3.00E+00	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.12	3.20E-01	3.30E+00	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.11	2.83E-01	2.91E+00	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.611	2.14E-01	2.26E+00	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	-0.116	2.75E-01	2.91E+00	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.87	3.09E-01	2.87E+00	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.85	3.27E-01	2.80E+00	—	pCi/L	—	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.297	2.37E-01	2.60E+00	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.36	2.87E-01	2.83E+00	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.3	3.19E-01	2.89E+00	—	pCi/L	—	J	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	3.62	1.33E+00	6.60E+00	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86.4	1.83E+01	2.39E+02	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.2	2.15E+01	2.96E+02	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.8	1.53E+00	1.90E+01	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	31.3	6.67E+00	4.90E+01	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.5	5.00E+00	2.40E+01	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	90.9	1.93E+01	2.73E+02	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.5	2.69E+01	3.81E+02	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.57	3.33E+00	2.80E+01	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.8	3.80E+00	3.30E+01	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.16	2.84E+00	2.73E+01	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.33	8.33E-01	8.30E+00	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.64	4.00E+00	3.50E+01	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.91	1.97E+00	1.80E+01	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.52	3.47E+00	3.42E+01	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.39	2.66E+00	2.52E+01	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00231	1.73E-03	3.50E-02	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0127	2.60E-03	2.54E-02	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00204	1.18E-03	2.24E-02	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0165	2.27E-03	2.60E-02	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00971	3.33E-03	4.10E-02	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00599	1.50E-03	3.00E-02	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0116	2.29E-03	2.66E-02	—	pCi/L	U	U	196378	GU07100G153401	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0127	1.98E-03	1.74E-02	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0162	2.57E-03	4.00E-02	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00476	2.18E-03	3.00E-02	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00204	2.04E-03	1.49E-02	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00121	1.60E-03	4.30E-02	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00486	2.80E-03	3.90E-02	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.014	2.40E-03	3.40E-02	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00166	1.66E-03	3.14E-02	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00475	1.40E-03	1.16E-02	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	29.5	5.00E+00	5.60E+01	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-21.4	6.47E+00	6.68E+01	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	2.36	5.73E+00	2.83E+01	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.77	5.00E+00	5.00E+01	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15	5.67E+00	4.80E+01	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.3	5.33E+00	5.70E+01	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	17.8	6.10E+00	6.44E+01	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.1	8.50E+00	5.17E+01	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.41	4.00E-01	2.90E+00	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.77	4.93E-01	4.30E+00	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.691	3.13E-01	3.29E+00	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.742	4.67E-01	4.60E+00	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.114	4.00E-01	4.10E+00	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.541	4.67E-01	4.50E+00	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.12	4.97E-01	5.25E+00	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.54	4.97E-01	4.39E+00	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0283	4.67E-02	4.90E-01	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.114	4.50E-02	4.73E-01	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0429	4.67E-02	4.93E-01	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.294	5.00E-02	4.90E-01	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.167	3.67E-02	4.00E-01	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.233	3.00E-02	4.10E-01	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.406	5.20E-02	4.90E-01	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0206	3.01E-02	3.09E-01	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.56457	2.02E-01	1.98E+00	—	pCi/L	U	U	10-4107	CAWA-10-24741	ARSL
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	9.58E-02	2.87E-01	—	pCi/L	U	U	10-120	CAWA-09-14149	UMTL
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-5.788909	4.21E-01	3.40E+00	—	pCi/L	U	U	09-85	CAWA-08-16068	ARSL
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	9.58E-02	2.87E-01	—	pCi/L	—	U	2415	UU07100G153401	UMTL
CdV-R-15-3	1942	1254.4	05/08/07	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	9.58E-02	2.87E-01	—	pCi/L	—	U	2340	UU07050G153401	UMTL
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.351	1.03E-02	5.80E-02	—	pCi/L	—	—	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.273	9.80E-03	4.92E-02	—	pCi/L	—	—	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.224	9.03E-03	4.03E-02	—	pCi/L	—	—	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.28	1.20E-02	8.40E-02	—	pCi/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.292	1.07E-02	7.10E-02	—	pCi/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.268	9.33E-03	6.30E-02	—	pCi/L	—	—	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.25	9.23E-03	4.79E-02	—	pCi/L	—	—	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.28	9.67E-03	4.25E-02	—	pCi/L	—	—	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0182	2.47E-03	3.00E-02	—	pCi/L	U	U	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0162	2.56E-03	3.82E-02	—	pCi/L	U	U	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00705	2.08E-03	4.11E-02	—	pCi/L	U	U	180010	GF07010G153401	GELC
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0252	3.23E-03	4.00E-02	—	pCi/L	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0295	2.93E-03	3.60E-02	—	pCi/L	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0289	2.93E-03	3.30E-02	—	pCi/L	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0157	2.16E-03	3.71E-02	—	pCi/L	U	U	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0322	3.04E-03	4.34E-02	—	pCi/L	U	U	180010	GU07010G153401	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.175	6.67E-03	3.20E-02	—	pCi/L	—	—	09-80	CAWA-08-16066	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.153	7.00E-03	4.31E-02	—	pCi/L	—	—	196378	GF07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.167	6.87E-03	2.85E-02	—	pCi/L	—	—	180010	GF07010G153401	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	1942	1254.4	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.157	8.33E-03	5.10E-02	—	pCi/L	—	—	10-4059	CAWA-10-24741	GELC
CdV-R-15-3	1942	1254.4	10/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.123	6.33E-03	4.30E-02	—	pCi/L	—	—	10-95	CAWA-09-14149	GELC
CdV-R-15-3	1942	1254.4	10/09/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.178	7.00E-03	3.50E-02	—	pCi/L	—	—	09-73	CAWA-08-16068	GELC
CdV-R-15-3	1942	1254.4	10/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.199	7.90E-03	4.19E-02	—	pCi/L	—	—	196378	GU07100G153401	GELC
CdV-R-15-3	1942	1254.4	01/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.1	5.10E-03	3.01E-02	—	pCi/L	—	—	180010	GU07010G153401	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.5	—	—	7.30E-01	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.9	—	—	7.25E-01	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.9	—	—	7.25E-01	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.7	—	—	7.25E-01	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.3	—	—	1.45E+00	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61	—	—	7.30E-01	mg/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.031	—	—	1.60E-02	mg/L	J	J-	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.055	—	—	3.00E-02	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.084	—	—	1.00E-02	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.075	—	—	1.00E-02	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.089	—	—	1.00E-02	mg/L	—	J-	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.03	—	—	1.60E-02	mg/L	J	J-	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.102	—	—	6.60E-02	mg/L	J	J	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.041	—	—	4.10E-02	mg/L	U	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	5.00E-02	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	3.60E-02	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	3.60E-02	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.60E-02	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	3.60E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	3.60E-02	mg/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	3.60E-02	mg/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.60E-02	mg/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	3.60E-02	mg/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	6.60E-02	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.77	—	—	6.60E-02	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.71	—	—	6.60E-02	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.54	—	—	6.60E-02	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.65	—	—	5.30E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.34	—	—	3.30E-02	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.357	—	—	3.30E-02	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.323	—	—	3.30E-02	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.345	—	—	3.30E-02	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	3.00E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.3	—	—	3.50E-01	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	4.40E-01	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.8	—	—	4.40E-01	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	8.50E-02	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	8.50E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.4	—	—	3.50E-01	mg/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	4.40E-01	mg/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.6	—	—	4.40E-01	mg/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	8.50E-02	mg/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43	—	—	8.50E-02	mg/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.4	—	—	8.50E-02	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.25	—	—	8.50E-02	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.37	—	—	8.50E-02	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.24	—	—	8.50E-02	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.28	—	—	8.50E-02	mg/L	—	—	154415	GF0601G153501	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.4	—	—	8.50E-02	mg/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.06	—	—	8.50E-02	mg/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.3	—	—	8.50E-02	mg/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.21	—	—	8.50E-02	mg/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.28	—	—	8.50E-02	mg/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.55	—	—	5.00E-02	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	5.00E-02	mg/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	5.00E-02	mg/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	5.00E-02	mg/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	5.00E-02	mg/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	66.7	—	—	3.20E-02	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	65.5	—	—	3.20E-02	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	60.1	—	—	3.20E-02	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	63.2	—	—	3.20E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	62.8	—	—	3.20E-02	mg/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	4.50E-02	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	4.50E-02	mg/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	4.50E-02	mg/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	uS/cm	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	131	—	—	1.00E+00	uS/cm	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.7	—	—	1.00E-01	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.1	—	—	1.00E-01	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.58	—	—	1.00E-01	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.37	—	—	1.00E-01	mg/L	—	U	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.12	—	—	5.70E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	J	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.38E+00	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.38E+00	mg/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.38E+00	mg/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.38E+00	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.068	—	—	3.30E-02	mg/L	J	J	10-3993	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.169	—	—	2.90E-02	mg/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.076	—	—	1.00E-02	mg/L	J	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.138	—	—	1.00E-02	mg/L	—	U	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.251	—	—	1.00E-02	mg/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.045	—	—	3.30E-02	mg/L	J	J	10-3993	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.102	—	—	2.90E-02	mg/L	—	JN-	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.119	—	—	1.00E-02	mg/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.21	—	—	3.30E-01	mg/L	—	—	10-3993	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.96	—	—	3.30E-01	mg/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.88	—	—	3.30E-01	mg/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.56	—	—	3.30E-01	mg/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	10/18/05	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.48	—	—	7.40E-02	mg/L	—	—	148328	GU0510G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.046	—	—	1.50E-02	mg/L	J	J	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.065	—	—	2.40E-02	mg/L	—	U	185924	GF07050G153501	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.027	—	—	1.00E-02	mg/L	HJ	U	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.035	—	—	1.00E-02	mg/L	J	JN-	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Geninorg	EPA:300.0	Total Phosphate as Phosphorus	<	0.038	—	—	3.80E-02	mg/L	UH	R	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	1.00E-02	SU	H	J-	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	82.6	—	—	1.00E+00	ug/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	96.3	—	—	1.00E+00	ug/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	104	—	—	1.00E+00	ug/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	92.3	—	—	1.00E+00	ug/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	97.9	—	—	1.00E+00	ug/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	82.1	—	—	1.00E+00	ug/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.7	—	—	1.00E+00	ug/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	106	—	—	1.00E+00	ug/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	91.8	—	—	1.00E+00	ug/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.4	—	—	1.00E+00	ug/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.67	—	—	2.50E+00	ug/L	J	J	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	5.5	—	—	1.00E+00	ug/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	8.6	—	—	1.00E+00	ug/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	133	—	—	3.00E+01	ug/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	186	—	—	1.80E+01	ug/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	168	—	—	1.80E+01	ug/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	148	—	—	1.80E+01	ug/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	148	—	—	1.80E+01	ug/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	148	—	—	3.00E+01	ug/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	196	—	—	1.80E+01	ug/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	185	—	—	1.80E+01	ug/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	166	—	—	1.80E+01	ug/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	170	—	—	1.80E+01	ug/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	313	—	—	2.00E+00	ug/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	297	—	—	2.00E+00	ug/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	313	—	—	2.00E+00	ug/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	295	—	—	2.00E+00	ug/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	295	—	—	2.00E+00	ug/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	306	—	—	2.00E+00	ug/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	247	—	—	2.00E+00	ug/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	294	—	—	2.00E+00	ug/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	279	—	—	2.00E+00	ug/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	271	—	—	2.00E+00	ug/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.05	—	—	1.00E-01	ug/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	1.00E-01	ug/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2.00E+00	ug/L	J	U	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.515	—	—	5.00E-01	ug/L	J	J	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.62	—	—	5.00E-01	ug/L	J	U	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.67	—	—	5.00E-01	ug/L	J	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	159545	GF0603G153501	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.52	—	—	5.00E-01	ug/L	J	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.39	—	—	5.00E-01	ug/L	J	J	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.61	—	—	5.00E-01	ug/L	J	U	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	5.00E-01	ug/L	J	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	5.00E-01	ug/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3	—	—	5.00E-01	ug/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.2	—	—	5.30E-02	mg/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	315	—	—	1.00E+00	ug/L	—	—	10-3994	CAWA-10-24755	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	362	—	—	1.00E+00	ug/L	—	—	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	372	—	—	1.00E+00	ug/L	—	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	233	—	—	1.00E+00	ug/L	—	—	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	226	—	—	1.00E+00	ug/L	—	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	307	—	—	1.00E+00	ug/L	—	—	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	479	—	—	1.00E+00	ug/L	—	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	417	—	—	1.00E+00	ug/L	—	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	245	—	—	1.00E+00	ug/L	—	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	250	—	—	1.00E+00	ug/L	—	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10.4	—	—	2.00E+00	ug/L	—	U	185924	GF07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	180110	GF07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.8	—	—	2.00E+00	ug/L	J	U	159545	GF0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2.00E+00	ug/L	J	—	154415	GF0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.21	—	—	3.30E+00	ug/L	J	J	10-3994	CAWA-10-24756	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.7	—	—	2.00E+00	ug/L	J	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.1	—	—	2.00E+00	ug/L	J	J+	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.3	—	—	2.00E+00	ug/L	J	U	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.9	—	—	2.00E+00	ug/L	J	—	154415	GU0601G153501	GELC
CdV-R-15-3	2012	1350.1	08/04/10	WG	UF	CS	EQB	Voa	SW-846:8260B	Toluene	—	0.28	—	—	2.50E-01	ug/L	J	J	10-3993	CAWA-10-24753	GELC
CdV-R-15-3	2012	1350.1	05/09/07	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	—	185924	GU07050G153501	GELC
CdV-R-15-3	2012	1350.1	01/30/07	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	—	180110	GU07010G153501	GELC
CdV-R-15-3	2012	1350.1	03/28/06	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	—	159545	GU0603G153501	GELC
CdV-R-15-3	2012	1350.1	01/20/06	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	—	154415	GU0601G153501	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.5	—	—	7.30E-01	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.2	—	—	7.30E-01	mg/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.6	—	—	7.25E-01	mg/L	—	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.1	—	—	7.25E-01	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59	—	—	7.30E-01	mg/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.021	—	—	1.60E-02	mg/L	J	J-	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	UJ	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0889	—	—	6.60E-02	mg/L	J	J	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	U	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.93	—	—	5.00E-02	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.37	—	—	3.00E-02	mg/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.78	—	—	3.00E-02	mg/L	—	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.3	—	—	3.60E-02	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.9	—	—	3.60E-02	mg/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.48	—	—	3.00E-02	mg/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.5	—	—	3.00E-02	mg/L	—	—	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.3	—	—	3.60E-02	mg/L	—	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.92	—	—	3.60E-02	mg/L	—	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.5	—	—	6.60E-02	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.51	—	—	6.60E-02	mg/L	—	—	08-937	CAWA-08-11674	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.44	—	—	6.60E-02	mg/L	—	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.53	—	—	6.60E-02	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.175	—	—	3.30E-02	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.176	—	—	3.30E-02	mg/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.256	—	—	3.30E-02	mg/L	—	J+	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.192	—	—	3.30E-02	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.2	—	—	3.50E-01	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.4	—	—	4.30E-01	mg/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.1	—	—	4.25E-01	mg/L	—	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.4	—	—	4.40E-01	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	4.40E-01	mg/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	3.50E-01	mg/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.7	—	—	4.30E-01	mg/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36	—	—	4.25E-01	mg/L	—	—	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.5	—	—	4.40E-01	mg/L	—	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	4.40E-01	mg/L	—	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	8.50E-02	mg/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	8.50E-02	mg/L	—	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	8.50E-02	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	8.50E-02	mg/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.05	—	—	5.00E-02	mg/L	J	J	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.25	—	—	5.00E-02	mg/L	U	U	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.029	—	—	1.00E-02	mg/L	J	JN-	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.0623	—	—	1.40E-02	mg/L	—	U	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	5.00E-02	mg/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.89	—	—	5.00E-02	mg/L	—	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.99	—	—	5.00E-02	mg/L	N	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	5.00E-02	mg/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	5.00E-02	mg/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.97	—	—	5.00E-02	mg/L	N	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	5.00E-02	mg/L	—	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	67.1	—	—	3.20E-02	mg/L	—	J+	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	3.20E-02	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	1.00E-01	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	1.00E-01	mg/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	4.50E-02	mg/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	4.50E-02	mg/L	—	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.85	—	—	1.00E-01	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	1.00E-01	mg/L	—	—	08-937	CAWA-08-11674	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.78	—	—	1.00E-01	mg/L	—	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.74	—	—	1.00E-01	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.40E+00	mg/L	—	J	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	J	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.38E+00	mg/L	—	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.38E+00	mg/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.037	—	—	3.30E-02	mg/L	J	J	10-3993	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.119	—	—	2.90E-02	mg/L	—	U	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.145	—	—	1.45E-01	mg/L	U	UJ	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.128	—	—	2.90E-02	mg/L	—	U	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	3.28	—	—	2.90E-02	mg/L	—	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.21	—	—	3.30E-01	mg/L	—	—	10-3993	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.539	—	—	3.30E-01	mg/L	J	J	10-3993	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.546	—	—	3.30E-01	mg/L	J	J	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.33	—	—	3.30E-01	mg/L	U	—	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.2	—	—	3.30E-01	mg/L	—	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.095	—	—	1.50E-02	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.025	—	—	2.40E-02	mg/L	J	J	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	2.40E-02	mg/L	U	R, UJ	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	2.40E-02	mg/L	—	U	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.01	—	—	1.00E-02	mg/L	U	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	1.00E-02	SU	H	J-	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1.00E+00	ug/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18	—	—	1.00E+00	ug/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.3	—	—	1.00E+00	ug/L	—	J+	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.2	—	—	1.00E+00	ug/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1.00E+00	ug/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.6	—	—	1.00E+00	ug/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.9	—	—	1.00E+00	ug/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1.00E+00	ug/L	—	J+	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1.00E+00	ug/L	—	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.3	—	—	1.00E+00	ug/L	—	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	56	—	—	3.00E+01	ug/L	J	J	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	97.7	—	—	2.50E+01	ug/L	J	J	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	31.3	—	—	2.50E+01	ug/L	J	J+	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	128	—	—	1.80E+01	ug/L	N	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	126	—	—	1.80E+01	ug/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	77.3	—	—	3.00E+01	ug/L	J	J	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	131	—	—	2.50E+01	ug/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	130	—	—	2.50E+01	ug/L	—	J+	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	218	—	—	1.80E+01	ug/L	N	J+	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	267	—	—	1.80E+01	ug/L	—	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	53.8	—	—	2.00E+00	ug/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	45.2	—	—	2.00E+00	ug/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	63.6	—	—	2.00E+00	ug/L	—	J+	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	102	—	—	2.00E+00	ug/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	114	—	—	2.00E+00	ug/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	57.4	—	—	2.00E+00	ug/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	42.6	—	—	2.00E+00	ug/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	57.9	—	—	2.00E+00	ug/L	—	J+	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	114	—	—	2.00E+00	ug/L	—	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	128	—	—	2.00E+00	ug/L	—	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	1.00E-01	ug/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	1.00E-01	ug/L	—	U	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	UJ	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185982	GF07050G153601	GELC

Table C-2 Water Canyon 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
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.51	—	—	1.00E-01	ug/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.8	—	—	1.00E-01	ug/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	JN-	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.722	—	—	5.00E-01	ug/L	J	J	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	5.00E-01	ug/L	J	J	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.61	—	—	5.00E-01	ug/L	J	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.64	—	—	5.00E-01	ug/L	J	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	5.00E-01	ug/L	J	J	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.5	—	—	5.00E-01	ug/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	5.00E-01	ug/L	—	J	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.93	—	—	5.00E-01	ug/L	J	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.5	—	—	5.30E-02	mg/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.1	—	—	3.20E-02	mg/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.8	—	—	1.00E+00	ug/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.4	—	—	1.00E+00	ug/L	—	—	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.4	—	—	1.00E+00	ug/L	—	J+	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.7	—	—	1.00E+00	ug/L	—	—	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	58.4	—	—	1.00E+00	ug/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	58.4	—	—	1.00E+00	ug/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	58.1	—	—	1.00E+00	ug/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.6	—	—	1.00E+00	ug/L	—	J+	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1.00E+00	ug/L	—	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	62.1	—	—	1.00E+00	ug/L	—	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.248	—	—	5.00E-02	ug/L	—	—	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.25	—	—	5.00E-02	ug/L	—	U	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	5.00E-02	ug/L	—	J	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.12	—	—	5.00E-02	ug/L	J	JN-	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	ug/L	—	—	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.238	—	—	5.00E-02	ug/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.26	—	—	5.00E-02	ug/L	—	U	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	5.00E-02	ug/L	—	J	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.065	—	—	5.00E-02	ug/L	J	JN-	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.13	—	—	5.00E-02	ug/L	J	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.52	—	—	3.30E+00	ug/L	J	J	10-3994	CAWA-10-24759	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.7	—	—	2.00E+00	ug/L	J	J	08-937	CAWA-08-11674	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2.00E+00	ug/L	J	—	196433	GF07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.4	—	—	2.00E+00	ug/L	J*	U	185982	GF07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4	—	—	2.00E+00	ug/L	J	J+	180173	GF07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.1	—	—	3.30E+00	ug/L	—	—	10-3994	CAWA-10-24757	GELC
CdV-R-15-3	2062	1640.1	04/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.7	—	—	2.00E+00	ug/L	—	—	08-937	CAWA-08-11675	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.6	—	—	2.00E+00	ug/L	J	—	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.6	—	—	2.00E+00	ug/L	J*	J	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.4	—	—	2.00E+00	ug/L	J	J+	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	08/04/10	WG	UF	CS	EQB	Svoa	SW-846:8270C	Diethylphthalate	—	4.03	—	—	2.10E+00	ug/L	J	J	10-3993	CAWA-10-24760	GELC
CdV-R-15-3	2062	1640.1	10/23/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.1	—	—	2.22E+00	ug/L	U	—	196433	GU07100G153601	GELC
CdV-R-15-3	2062	1640.1	05/10/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11	—	—	2.20E+00	ug/L	U	—	185982	GU07050G153601	GELC
CdV-R-15-3	2062	1640.1	02/01/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.17E+00	ug/L	U	—	180173	GU07010G153601	GELC
CdV-R-15-3	2062	1640.1	03/29/06	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.2	—	—	2.04E+00	ug/L	U	—	159545	GU0603G153601	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	34	—	—	7.30E-01	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56	—	—	7.25E-01	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.8	—	—	7.25E-01	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.6	—	—	1.45E+00	mg/L	—	—	158802	GF0603G37R201	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47	—	—	7.30E-01	mg/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.075	—	—	1.60E-02	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.136	—	—	3.00E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.168	—	—	1.00E-02	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.204	—	—	1.00E-02	mg/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.232	—	—	1.00E-02	mg/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.065	—	—	1.60E-02	mg/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.118	—	—	6.60E-02	mg/L	J	J	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.085	—	—	4.10E-02	mg/L	J	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	5.78	—	—	5.00E-02	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.35	—	—	3.60E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	3.60E-02	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	3.60E-02	mg/L	E	J	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	3.60E-02	mg/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	5.57	—	—	5.00E-02	mg/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.63	—	—	3.60E-02	mg/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	3.60E-02	mg/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.8	—	—	3.60E-02	mg/L	E	J	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	3.60E-02	mg/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.12	—	—	6.60E-02	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.6	—	—	6.60E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.71	—	—	6.60E-02	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.73	—	—	5.30E-02	mg/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.207	—	—	3.30E-02	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.239	—	—	3.30E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.229	—	—	3.30E-02	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.23	—	—	3.00E-02	mg/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	22.4	—	—	3.50E-01	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	4.40E-01	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.6	—	—	4.40E-01	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.3	—	—	8.50E-02	mg/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.9	—	—	8.50E-02	mg/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	21.6	—	—	3.50E-01	mg/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36	—	—	4.40E-01	mg/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.1	—	—	4.40E-01	mg/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.5	—	—	8.50E-02	mg/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.6	—	—	8.50E-02	mg/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.93	—	—	8.50E-02	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	8.50E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.33	—	—	8.50E-02	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.9	—	—	8.50E-02	mg/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.24	—	—	8.50E-02	mg/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.87	—	—	8.50E-02	mg/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	8.50E-02	mg/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.9	—	—	8.50E-02	mg/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.22	—	—	8.50E-02	mg/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.984	—	—	5.00E-02	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	5.00E-02	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.01	—	—	5.00E-02	mg/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	5.00E-02	mg/L	—	—	179805	GU07010G37R201	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	5.00E-02	mg/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	57.1	—	—	3.20E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	59.8	—	—	3.20E-02	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	56.9	—	—	3.20E-02	mg/L	—	J	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.52	—	—	1.00E-01	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	4.50E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	4.50E-02	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	4.50E-02	mg/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	4.50E-02	mg/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.24	—	—	1.00E-01	mg/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	4.50E-02	mg/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	4.50E-02	mg/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	4.50E-02	mg/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	79.7	—	—	1.00E+00	uS/cm	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	91.9	—	—	1.00E+00	uS/cm	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	0.473	—	—	1.00E-01	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	0.482	—	—	1.00E-01	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	0.372	—	—	1.00E-01	mg/L	J	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	0.485	—	—	5.70E-02	mg/L	—	J+	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	2.40E+00	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.38E+00	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	97	—	—	2.38E+00	mg/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.38E+00	mg/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.48	—	—	3.30E-02	mg/L	—	J	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.281	—	—	2.90E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.283	—	—	1.00E-02	mg/L	—	U	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.305	—	—	1.00E-02	mg/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.2	—	—	3.30E-02	mg/L	—	J	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.253	—	—	2.90E-02	mg/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.413	—	—	1.00E-02	mg/L	—	J+	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.02	—	—	3.30E-01	mg/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	4.03	—	—	3.30E-01	mg/L	—	U	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.77	—	—	3.30E-01	mg/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.17	—	—	7.40E-02	mg/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.155	—	—	1.50E-02	mg/L	—	J	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.107	—	—	2.40E-02	mg/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.14	—	—	1.00E-02	mg/L	—	J, U	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.072	—	—	1.00E-02	mg/L	—	U	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.171	—	—	1.00E-02	mg/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.49	—	—	1.00E-02	SU	H	J-	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	5.68	—	—	1.50E+00	ug/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	J	U	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.9	—	—	1.50E+00	ug/L	J	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	—	8.5	—	—	6.00E+00	ug/L	J	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.82	—	—	1.50E+00	ug/L	J	J	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	6.4	—	—	1.50E+00	ug/L	—	U	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.9	—	—	1.50E+00	ug/L	J	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	84.7	—	—	1.00E+00	ug/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	125	—	—	1.00E+00	ug/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	142	—	—	1.00E+00	ug/L	—	J	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	173	—	—	1.00E+00	ug/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	186	—	—	1.00E+00	ug/L	—	—	153602	GF0601G37R201	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	84.4	—	—	1.00E+00	ug/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	132	—	—	1.00E+00	ug/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	144	—	—	1.00E+00	ug/L	—	J	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	180	—	—	1.00E+00	ug/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	184	—	—	1.00E+00	ug/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.7	—	—	1.50E+01	ug/L	J	J	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18	—	—	1.00E+01	ug/L	J	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.3	—	—	1.00E+01	ug/L	J	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.1	—	—	1.00E+01	ug/L	J	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	32.9	—	—	1.00E+01	ug/L	J	U	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	1.50E+01	ug/L	J	J	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.7	—	—	1.00E+01	ug/L	J	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.8	—	—	1.00E+01	ug/L	J	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.4	—	—	1.00E+01	ug/L	J	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	23.3	—	—	1.00E+01	ug/L	J	U	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.95	—	—	2.50E+00	ug/L	J	J	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.1	—	—	1.00E+00	ug/L	J	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	ug/L	U	UJ	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.49	—	—	2.50E+00	ug/L	J	J	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.5	—	—	1.00E+00	ug/L	J	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	12.8	—	—	1.00E+00	ug/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	13.1	—	—	1.00E+00	ug/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	<	1.4	—	—	1.00E+00	ug/L	J	U	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.87	—	—	1.00E+00	ug/L	J	J	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	2.9	—	—	1.00E+00	ug/L	J	U	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	3.3	—	—	1.00E+00	ug/L	J	U	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.7	—	—	1.00E+00	ug/L	J	JN-	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2	—	—	1.00E+00	ug/L	J	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.56	—	—	1.00E+00	ug/L	J	J	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	2.5	—	—	1.00E+00	ug/L	J	U	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	2.2	—	—	1.00E+00	ug/L	J	U	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.3	—	—	1.00E+00	ug/L	J	JN-	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.3	—	—	1.00E+00	ug/L	J	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	13100	—	—	3.00E+01	ug/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	11800	—	—	1.80E+01	ug/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	13200	—	—	1.80E+01	ug/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	14800	—	—	1.80E+01	ug/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	16100	—	—	1.80E+01	ug/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	12800	—	—	3.00E+01	ug/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	12900	—	—	1.80E+01	ug/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	13600	—	—	1.80E+01	ug/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	15000	—	—	1.80E+01	ug/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	16200	—	—	1.80E+01	ug/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	967	—	—	2.00E+00	ug/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	1350	—	—	2.00E+00	ug/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	1530	—	—	2.00E+00	ug/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	1860	—	—	2.00E+00	ug/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2020	—	—	2.00E+00	ug/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	937	—	—	2.00E+00	ug/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1400	—	—	2.00E+00	ug/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1560	—	—	2.00E+00	ug/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1860	—	—	2.00E+00	ug/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2030	—	—	2.00E+00	ug/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	11.3	—	—	1.00E-01	ug/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	11	—	—	2.00E+00	ug/L	—	—	186423	GF07050G37R201	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	13	—	—	2.00E+00	ug/L	—	U	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	16.2	—	—	2.00E+00	ug/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	15.8	—	—	2.00E+00	ug/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	10.8	—	—	1.00E-01	ug/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	11.5	—	—	2.00E+00	ug/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	14.8	—	—	2.00E+00	ug/L	—	U	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	16.6	—	—	2.00E+00	ug/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	14.2	—	—	2.00E+00	ug/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	7.54	—	—	5.00E-01	ug/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	14.7	—	—	5.00E-01	ug/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	17.9	—	—	5.00E-01	ug/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	30.1	—	—	5.00E-01	ug/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	29.2	—	—	5.00E-01	ug/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.82	—	—	5.00E-01	ug/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	16.1	—	—	5.00E-01	ug/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	24.9	—	—	5.00E-01	ug/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	31.9	—	—	5.00E-01	ug/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	36.3	—	—	5.00E-01	ug/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.5	—	—	5.30E-02	mg/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	36	—	—	1.00E+00	ug/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	58.9	—	—	1.00E+00	ug/L	—	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.7	—	—	1.00E+00	ug/L	—	—	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	87.9	—	—	1.00E+00	ug/L	—	—	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97	—	—	1.00E+00	ug/L	—	—	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	34.6	—	—	1.00E+00	ug/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.6	—	—	1.00E+00	ug/L	—	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.7	—	—	1.00E+00	ug/L	—	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.7	—	—	1.00E+00	ug/L	—	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97	—	—	1.00E+00	ug/L	—	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	13.6	—	—	3.30E+00	ug/L	—	—	10-4138	CAWA-10-24764	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.2	—	—	2.00E+00	ug/L	J	—	186423	GF07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	7.3	—	—	2.00E+00	ug/L	J	U	179805	GF07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	ug/L	J	JN-	158802	GF0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	UJ	153602	GF0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.57	—	—	3.30E+00	ug/L	J	J	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.6	—	—	2.00E+00	ug/L	J	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	8.4	—	—	2.00E+00	ug/L	J	U	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.3	—	—	2.00E+00	ug/L	J	JN-	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	UJ	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	31.2	—	—	2.10E+00	ug/L	—	—	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.2	—	—	2.25E+00	ug/L	U	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11	—	—	2.20E+00	ug/L	U	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.5	—	—	2.30E+00	ug/L	U	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	RE	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.3	—	—	2.06E+00	ug/L	U	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	12.5	—	—	2.50E+00	ug/L	U	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Voa	SW-846:8260B	Isopropylbenzene	—	0.32	—	—	2.50E-01	ug/L	J	J	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Voa	SW-846:8260B	Isopropylbenzene	—	0.449	—	—	2.50E-01	ug/L	J	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Isopropylbenzene	<	1	—	—	2.50E-01	ug/L	U	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Voa	SW-846:8260B	Isopropylbenzene	—	0.426	—	—	2.50E-01	ug/L	J	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Voa	SW-846:8260B	Isopropylbenzene	—	0.551	—	—	2.50E-01	ug/L	J	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2172	1200.3	08/11/10	WG	UF	CS	—	Voa	SW-846:8260B	Isopropyltoluene[4-]	—	0.35	—	—	2.50E-01	ug/L	J	J	10-4138	CAWA-10-24762	GELC
CdV-R-37-2	2172	1200.3	05/17/07	WG	UF	CS	—	Voa	SW-846:8260B	Isopropyltoluene[4-]	<	1	—	—	2.50E-01	ug/L	U	—	186423	GU07050G37R201	GELC
CdV-R-37-2	2172	1200.3	01/24/07	WG	UF	CS	—	Voa	SW-846:8260B	Isopropyltoluene[4-]	<	1	—	—	2.50E-01	ug/L	U	—	179805	GU07010G37R201	GELC
CdV-R-37-2	2172	1200.3	03/21/06	WG	UF	CS	—	Voa	SW-846:8260B	Isopropyltoluene[4-]	<	1	—	—	2.50E-01	ug/L	U	—	158802	GU0603G37R201	GELC
CdV-R-37-2	2172	1200.3	01/09/06	WG	UF	CS	—	Voa	SW-846:8260B	Isopropyltoluene[4-]	<	1	—	—	2.50E-01	ug/L	U	—	153602	GU0601G37R201	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	39.5	—	—	7.30E-01	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.1	—	—	7.30E-01	mg/L	—	—	10-2777	CAWA-10-15204	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.7	—	—	7.30E-01	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55	—	—	7.30E-01	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.5	—	—	7.30E-01	mg/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.87	—	—	5.00E-02	mg/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.69	—	—	3.00E-02	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.00E-02	mg/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.89	—	—	5.00E-02	mg/L	—	—	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.93	—	—	3.00E-02	mg/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	3.00E-02	mg/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.88	—	—	6.60E-02	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.65	—	—	6.60E-02	mg/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.59	—	—	6.60E-02	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.29	—	—	6.60E-02	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.236	—	—	3.30E-02	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.205	—	—	3.30E-02	mg/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.359	—	—	3.30E-02	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.124	—	—	3.30E-02	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	3.50E-01	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	3.50E-01	mg/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	3.50E-01	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	3.50E-01	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.4	—	—	3.50E-01	mg/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	3.50E-01	mg/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	3.50E-01	mg/L	—	—	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	3.50E-01	mg/L	—	—	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	3.50E-01	mg/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	3.50E-01	mg/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.16	—	—	8.50E-02	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	8.50E-02	mg/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	8.50E-02	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	8.50E-02	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.16	—	—	8.50E-02	mg/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.16	—	—	8.50E-02	mg/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	8.50E-02	mg/L	—	—	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.16	—	—	8.50E-02	mg/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.374	—	—	5.00E-02	mg/L	—	J+	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.416	—	—	5.00E-02	mg/L	—	J	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.364	—	—	5.00E-02	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.415	—	—	5.00E-02	mg/L	—	J	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.3	—	—	5.00E-02	mg/L	—	J+	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.297	—	—	5.00E-02	ug/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.242	—	—	5.00E-02	ug/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.25	—	—	5.00E-02	ug/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.247	—	—	5.00E-02	ug/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.26	—	—	5.00E-02	mg/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	5.00E-02	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.24	—	—	5.00E-02	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	5.00E-02	mg/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	5.00E-02	mg/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.27	—	—	5.00E-02	mg/L	—	—	10-2777	CAWA-10-15202	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.26	—	—	5.00E-02	mg/L	—	—	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.3	—	—	5.00E-02	mg/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	5.00E-02	mg/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	4.50E-02	mg/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	119	—	—	1.00E+00	uS/cm	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	uS/cm	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1140	—	—	1.00E+00	uS/cm	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.68	—	—	1.00E-01	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.63	—	—	1.00E-01	mg/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.52	—	—	1.00E-01	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.05	—	—	1.00E-01	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	111	—	—	2.40E+00	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.40E+00	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.15	—	—	1.00E-02	SU	H	J-	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.2	—	—	1.00E-02	SU	H	J-	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	1.00E-02	SU	H	J-	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	1.00E-02	SU	H	J-	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	11.2	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.7	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.29	—	—	1.00E+00	ug/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.1	—	—	1.00E+00	ug/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.6	—	—	1.00E+00	ug/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.93	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.13	—	—	1.00E+00	ug/L	—	—	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.66	—	—	1.00E+00	ug/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.6	—	—	1.00E+00	ug/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.97	—	—	2.50E+00	ug/L	J	J	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.04	—	—	2.50E+00	ug/L	J	J	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.41	—	—	1.50E+00	ug/L	J	J	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.91	—	—	2.50E+00	ug/L	J	J	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.83	—	—	1.50E+00	ug/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.27	—	—	1.00E-01	ug/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	1.00E-01	ug/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.28	—	—	1.00E-01	ug/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.07	—	—	1.00E-01	ug/L	—	U	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	1.00E-01	ug/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	1.00E-01	ug/L	—	—	10-2777	CAWA-10-15202	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.18	—	—	1.00E-01	ug/L	—	—	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.44	—	—	1.00E-01	ug/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.551	—	—	5.00E-01	ug/L	J	J	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.23	—	—	5.00E-01	ug/L	J	J	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.61	—	—	5.00E-01	ug/L	J	J	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.55	—	—	5.00E-01	ug/L	J	J	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	ug/L	J	J	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.4	—	—	5.30E-02	mg/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.9	—	—	5.30E-02	mg/L	—	J+	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.6	—	—	5.30E-02	mg/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.8	—	—	3.20E-02	mg/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	58.8	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.6	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1.00E+00	ug/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.2	—	—	1.00E+00	ug/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1.00E+00	ug/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.2	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.3	—	—	1.00E+00	ug/L	—	—	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	58.3	—	—	1.00E+00	ug/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.7	—	—	1.00E+00	ug/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.501	—	—	5.00E-02	ug/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.471	—	—	5.00E-02	ug/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.49	—	—	5.00E-02	ug/L	—	U	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.466	—	—	5.00E-02	ug/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	5.00E-02	ug/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.523	—	—	5.00E-02	ug/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.492	—	—	5.00E-02	ug/L	—	—	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.474	—	—	5.00E-02	ug/L	—	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.513	—	—	5.00E-02	ug/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.42	—	—	5.00E-02	ug/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24748	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.97	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15204	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.31	—	—	1.00E+00	ug/L	—	—	10-162	CAWA-09-14165	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.46	—	—	1.00E+00	ug/L	—	—	09-1301	CAWA-09-5660	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.1	—	—	1.00E+00	ug/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.45	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.33	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15202	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.42	—	—	1.00E+00	ug/L	—	—	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.1	—	—	1.00E+00	ug/L	—	—	09-1301	CAWA-09-5658	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.1	—	—	1.00E+00	ug/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00331	1.40E-03	2.30E-02	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00034	1.83E-03	3.58E-02	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00375	2.63E-03	2.06E-02	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00145	1.10E-03	3.80E-02	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00126	7.67E-04	3.00E-02	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0142	1.80E-03	2.20E-02	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	1.03E-03	2.82E-02	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0109	1.42E-03	1.93E-02	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.736	5.33E-01	4.80E+00	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.13	5.27E-01	5.46E+00	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.255	2.19E-01	2.15E+00	—	pCi/L	U	U	179923	GF07010G37R301	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.38	7.00E-01	7.40E+00	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.93	5.00E-01	5.00E+00	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.872	3.67E-01	3.90E+00	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.319	3.60E-01	3.48E+00	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.1	5.03E-01	5.07E+00	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.48	5.00E-01	4.90E+00	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.921	5.47E-01	5.50E+00	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0771	2.13E-01	2.06E+00	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.05	5.67E-01	4.60E+00	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.786	4.33E-01	4.50E+00	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.15	3.23E-01	3.20E+00	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.35	3.80E-01	3.37E+00	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.931	4.90E-01	5.02E+00	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.74	1.83E-01	2.55E+00	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.42	2.13E-01	1.69E+00	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.257	1.37E-01	1.90E+00	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.17	1.93E-01	1.80E+00	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.993	1.95E-01	1.88E+00	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.973	1.93E-01	1.74E+00	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.61	3.27E-01	2.98E+00	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.15	3.04E-01	2.70E+00	—	pCi/L	—	J	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.45	2.63E-01	2.60E+00	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.14	2.97E-01	2.90E+00	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.981	2.79E-01	2.82E+00	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.12	2.83E-01	2.67E+00	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12.5	5.33E+00	2.70E+01	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	109	3.31E+01	3.78E+02	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	58.5	1.56E+01	1.72E+02	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	39.2	5.33E+00	9.60E+01	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.3	8.33E+00	5.50E+01	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.8	3.67E+00	1.10E+01	—	pCi/L	—	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	95.2	2.96E+01	2.30E+02	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	72.1	2.59E+01	2.56E+02	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.96	3.67E+00	3.50E+01	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.21	2.24E+00	2.20E+01	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.18	1.99E+00	1.60E+01	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.17	8.67E-01	8.00E+00	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.57	3.30E+00	3.10E+01	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.7	3.33E+00	2.90E+01	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.6	2.73E+00	2.79E+01	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.15	2.40E+00	2.25E+01	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.33E-04	3.00E-02	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0136	4.70E-03	4.74E-02	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0282	6.13E-03	2.82E-02	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00837	2.80E-03	2.50E-02	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0159	3.10E-03	3.30E-02	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00195	2.33E-03	3.00E-02	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00984	3.67E-03	4.29E-02	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	3.74E-09	4.33E-03	2.15E-02	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00199	1.77E-03	3.40E-02	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00544	2.56E-03	4.46E-02	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0077	1.92E-03	1.88E-02	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.27E-03	4.10E-02	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00398	1.87E-03	3.30E-02	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00779	2.43E-03	3.30E-02	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00246	1.83E-03	4.03E-02	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0196	2.79E-03	1.43E-02	—	pCi/L	—	J	179923	GU07010G37R301	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.7	6.33E+00	6.50E+01	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.88	5.90E+00	5.93E+01	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-27.5	3.43E+00	2.66E+01	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.9	7.00E+00	7.70E+01	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.5	5.67E+00	4.30E+01	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.2	4.67E+00	5.10E+01	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.6	5.10E+00	5.01E+01	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	35.3	1.05E+01	4.07E+01	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.574	4.67E-01	4.30E+00	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.479	5.57E-01	5.49E+00	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.292	2.14E-01	2.04E+00	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.413	5.00E-01	4.90E+00	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.288	4.00E-01	3.70E+00	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.62	4.00E-01	4.50E+00	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.51	2.92E-01	2.93E+00	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.05	3.53E-01	4.09E+00	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0195	3.10E-02	3.70E-01	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.164	3.97E-02	4.99E-01	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00868	3.57E-02	3.69E-01	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0497	3.67E-02	4.40E-01	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.155	4.33E-02	4.80E-01	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.144	4.00E-02	4.10E-01	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.171	4.13E-02	4.17E-01	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.145	3.83E-02	3.83E-01	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.323	1.00E-02	6.10E-02	—	pCi/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.257	9.37E-03	5.78E-02	—	pCi/L	—	—	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.235	8.33E-03	3.56E-02	—	pCi/L	—	—	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.347	1.33E-02	8.20E-02	—	pCi/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.229	1.23E-02	1.70E-01	—	pCi/L	—	J+	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.262	8.33E-03	5.70E-02	—	pCi/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.291	9.73E-03	4.99E-02	—	pCi/L	—	—	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.292	9.40E-03	3.67E-02	—	pCi/L	—	—	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0256	2.50E-03	3.20E-02	—	pCi/L	U	U	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00744	2.48E-03	3.43E-02	—	pCi/L	U	U	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00207	1.20E-03	3.63E-02	—	pCi/L	U	U	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0281	3.33E-03	3.90E-02	—	pCi/L	U	U	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00597	3.33E-03	8.80E-02	—	pCi/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0141	2.03E-03	3.00E-02	—	pCi/L	U	U	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0107	2.38E-03	2.96E-02	—	pCi/L	U	U	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0171	2.28E-03	3.75E-02	—	pCi/L	U	U	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.169	6.67E-03	3.40E-02	—	pCi/L	—	—	09-73	CAWA-08-16063	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.153	7.17E-03	3.86E-02	—	pCi/L	—	—	197062	GF07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.129	5.80E-03	2.52E-02	—	pCi/L	—	—	179923	GF07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.162	8.33E-03	5.00E-02	—	pCi/L	—	—	10-4117	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.14	9.33E-03	1.10E-01	—	pCi/L	—	J+	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.124	5.33E-03	3.20E-02	—	pCi/L	—	—	09-73	CAWA-08-16064	GELC
CdV-R-37-2	2212	1359.3	11/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.194	7.27E-03	3.33E-02	—	pCi/L	—	—	197062	GU07100G37R301	GELC
CdV-R-37-2	2212	1359.3	01/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.14	6.03E-03	2.60E-02	—	pCi/L	—	—	179923	GU07010G37R301	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	54.5	—	—	2.30E+00	ug/L	—	J+	10-4116	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	08/10/10	WG	UF	RE	—	Svoa	SW-846:8270C	Diethylphthalate	—	12.6	—	—	2.20E+00	ug/L	—	J	10-4116	CAWA-10-24747	GELC
CdV-R-37-2	2212	1359.3	10/15/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.20E+00	ug/L	U	U	10-162	CAWA-09-14168	GELC
CdV-R-37-2	2212	1359.3	10/08/08	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.3	—	—	2.10E+00	ug/L	U	U	09-74	CAWA-08-16064	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	3	—	—	7.30E-01	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	0.725	—	—	7.25E-01	mg/L	UH	UJ	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	4	—	—	7.30E-01	mg/L	—	—	10-4117	CAWA-10-24749	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57	—	—	7.30E-01	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.6	—	—	7.30E-01	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.7	—	—	7.30E-01	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53	—	—	7.25E-01	mg/L	H	J	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.5	—	—	7.30E-01	mg/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.037	—	—	1.60E-02	mg/L	J	J	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.034	—	—	1.60E-02	mg/L	J	U	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.013	—	—	1.00E-02	mg/L	J	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	5.00E-02	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	5.00E-02	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.38	—	—	3.60E-02	mg/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.85	—	—	3.60E-02	mg/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	5.00E-02	mg/L	—	—	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.14	—	—	3.60E-02	mg/L	—	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.79	—	—	3.60E-02	mg/L	—	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.43	—	—	6.60E-02	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	6.60E-02	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.39	—	—	6.60E-02	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.52	—	—	6.60E-02	mg/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.135	—	—	3.30E-02	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.178	—	—	3.30E-02	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.413	—	—	3.30E-02	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.221	—	—	3.30E-02	mg/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	3.50E-01	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.2	—	—	3.50E-01	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	3.50E-01	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.6	—	—	4.40E-01	mg/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	4.40E-01	mg/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	3.50E-01	mg/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.9	—	—	3.50E-01	mg/L	—	—	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.8	—	—	4.40E-01	mg/L	—	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37	—	—	4.40E-01	mg/L	—	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.84	—	—	8.50E-02	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	8.50E-02	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	8.50E-02	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	8.50E-02	mg/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.1	—	—	8.50E-02	mg/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	8.50E-02	mg/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.82	—	—	8.50E-02	mg/L	—	—	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.79	—	—	8.50E-02	mg/L	—	—	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0505	—	—	5.00E-02	mg/L	J	J+	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.086	—	—	5.00E-02	mg/L	J	U	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.101	—	—	5.00E-02	mg/L	J	J	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.016	—	—	1.00E-02	mg/L	J	JN-	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.0758	—	—	1.40E-02	mg/L	—	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	5.00E-02	mg/L	—	—	186623	GF07050G37R401	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	5.00E-02	mg/L	—	—	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	5.00E-02	mg/L	—	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	60.1	—	—	3.20E-02	mg/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	1.00E-01	mg/L	—	—	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	4.50E-02	mg/L	—	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	121	—	—	1.00E+00	uS/cm	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.75	—	—	1.00E-01	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.81	—	—	1.00E-01	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.64	—	—	1.00E-01	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.87	—	—	1.00E-01	mg/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	114	—	—	2.40E+00	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.38E+00	mg/L	H	J	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.13	—	—	3.30E-01	mg/L	—	—	10-4116	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.589	—	—	3.30E-01	mg/L	J	J	10-2776	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.631	—	—	3.30E-01	mg/L	J	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.62	—	—	1.00E-02	SU	H	J-	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J-	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.37	—	—	1.00E-02	SU	H	J-	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	11.6	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1.00E+00	ug/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	11.8	—	—	1.00E+00	ug/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.1	—	—	1.00E+00	ug/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.4	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.5	—	—	1.00E+00	ug/L	—	—	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13	—	—	1.00E+00	ug/L	—	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.8	—	—	1.00E+00	ug/L	—	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.12	—	—	2.50E+00	ug/L	J	J	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	2.2	—	—	1.00E+00	ug/L	J	U	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.4	—	—	1.00E+00	ug/L	J	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.93	—	—	2.50E+00	ug/L	J	J	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.8	—	—	1.00E+00	ug/L	—	U	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.3	—	—	1.00E+00	ug/L	J	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	48.4	—	—	3.00E+01	ug/L	J	J	10-2777	CAWA-10-15216	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	470	—	—	1.80E+01	ug/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	539	—	—	1.80E+01	ug/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	30.3	—	—	3.00E+01	ug/L	J	J	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	41	—	—	3.00E+01	ug/L	J	J	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	58.6	—	—	3.00E+01	ug/L	J	J	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	557	—	—	1.80E+01	ug/L	—	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	709	—	—	1.80E+01	ug/L	—	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.33	—	—	2.00E+00	ug/L	J	J	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.95	—	—	2.00E+00	ug/L	J	J	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.09	—	—	2.00E+00	ug/L	J	J	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	25	—	—	2.00E+00	ug/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	25.6	—	—	2.00E+00	ug/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.75	—	—	2.00E+00	ug/L	J	J	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.78	—	—	2.00E+00	ug/L	J	J	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.45	—	—	2.00E+00	ug/L	J	J	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	24.6	—	—	2.00E+00	ug/L	—	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	26.6	—	—	2.00E+00	ug/L	—	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	1.00E-01	ug/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.27	—	—	1.00E-01	ug/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.27	—	—	1.00E-01	ug/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.7	—	—	2.00E+00	ug/L	J	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.51	—	—	1.00E-01	ug/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.49	—	—	1.00E-01	ug/L	—	—	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.6	—	—	2.00E+00	ug/L	J	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.547	—	—	5.00E-01	ug/L	J	J	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.98	—	—	5.00E-01	ug/L	J	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.96	—	—	5.00E-01	ug/L	J	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.501	—	—	5.00E-01	ug/L	J	J	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.653	—	—	5.00E-01	ug/L	J	J	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.83	—	—	5.00E-01	ug/L	J	J	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.1	—	—	5.30E-02	mg/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.7	—	—	5.30E-02	mg/L	—	J+	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57	—	—	5.30E-02	mg/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.4	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.9	—	—	1.00E+00	ug/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.9	—	—	1.00E+00	ug/L	—	—	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46	—	—	1.00E+00	ug/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.3	—	—	1.00E+00	ug/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.9	—	—	1.00E+00	ug/L	—	—	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.8	—	—	1.00E+00	ug/L	—	—	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1.00E+00	ug/L	—	—	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.8	—	—	1.00E+00	ug/L	—	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.325	—	—	5.00E-02	ug/L	—	—	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.296	—	—	5.00E-02	ug/L	—	—	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.203	—	—	5.00E-02	ug/L	—	—	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.14	—	—	5.00E-02	ug/L	J*	J	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.18	—	—	5.00E-02	ug/L	J	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.345	—	—	5.00E-02	ug/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.301	—	—	5.00E-02	ug/L	—	—	10-2777	CAWA-10-15217	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.189	—	—	5.00E-02	ug/L	J	J	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.13	—	—	5.00E-02	ug/L	J*	J	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.14	—	—	5.00E-02	ug/L	J	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.72	—	—	1.00E+00	ug/L	J	J	10-4117	CAWA-10-24752	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.87	—	—	1.00E+00	ug/L	J	J	10-2777	CAWA-10-15216	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.22	—	—	1.00E+00	ug/L	J	J	10-142	CAWA-09-14169	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.6	—	—	1.00E+00	ug/L	J	JN-	186623	GF07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1.00E+00	ug/L	J	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	ug/L	J	J	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.59	—	—	1.00E+00	ug/L	J	J	10-2777	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.96	—	—	1.00E+00	ug/L	J	J	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	05/22/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1.00E+00	ug/L	J	JN-	186623	GU07050G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1.00E+00	ug/L	J	—	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00324	1.66E-03	1.97E-02	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00905	2.93E-03	4.20E-02	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0139	2.00E-03	3.50E-02	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00211	5.90E-04	1.96E-02	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.374	3.67E-01	3.65E+00	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0525	7.00E-01	6.60E+00	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.14	4.00E-01	4.20E+00	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.231	3.90E-01	3.75E+00	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.791	4.03E-01	3.69E+00	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	5.1	6.67E-01	8.30E+00	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.415	4.00E-01	4.20E+00	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.17	2.97E-01	1.80E+00	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.48	1.44E-01	1.48E+00	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.41	1.60E-01	1.90E+00	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0777	7.33E-02	1.10E+00	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.301	1.20E-01	1.60E+00	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.93	2.81E-01	2.69E+00	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.35	3.13E-01	2.90E+00	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.04	3.67E-01	2.80E+00	—	pCi/L	—	—	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.26	2.76E-01	2.60E+00	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	70.1	6.27E+02	2.85E+02	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.5	2.10E+00	5.40E+00	—	pCi/L	—	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.5	6.00E+00	4.10E+01	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	106	3.22E+01	4.04E+02	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.55	3.13E+00	3.01E+01	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.38	9.67E-01	1.00E+01	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-42	4.67E+00	3.40E+01	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.38	3.40E+00	2.98E+01	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00176	1.95E-03	1.93E-02	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.67E-03	3.10E-02	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.10E-03	3.80E-02	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0052	1.53E-03	1.90E-02	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00528	1.55E-03	1.29E-02	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.014	3.30E-03	5.10E-02	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00234	1.37E-03	3.80E-02	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00694	1.64E-03	1.27E-02	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	3.18	6.93E+00	3.63E+01	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-27	8.00E+00	7.10E+01	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.64	5.67E+00	6.20E+01	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3.87	6.17E+00	3.92E+01	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.332	4.30E-01	4.10E+00	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.97	6.67E-01	4.50E+00	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.22	4.67E-01	4.30E+00	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.425	4.37E-01	4.15E+00	—	pCi/L	U	U	180110	GU07010G37R401	GELC

Table C-2 Water Canyon 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
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.155	3.87E-02	4.15E-01	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.196	5.00E-02	4.90E-01	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.25	4.33E-02	4.80E-01	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00226	3.37E-02	3.47E-01	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.171	7.40E-03	4.89E-02	—	pCi/L	—	—	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.157	8.33E-03	8.60E-02	—	pCi/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0921	1.07E-02	1.50E-01	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0993	5.83E-03	4.48E-02	—	pCi/L	—	J	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00855	2.13E-03	4.99E-02	—	pCi/L	U	U	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.022	3.03E-03	4.10E-02	—	pCi/L	U	U	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.046	6.00E-03	7.50E-02	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00783	2.62E-03	4.57E-02	—	pCi/L	U	U	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0853	5.83E-03	3.46E-02	—	pCi/L	—	J	180110	GF07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0859	6.33E-03	5.20E-02	—	pCi/L	—	—	10-4117	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0248	7.67E-03	9.10E-02	—	pCi/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0528	4.17E-03	3.17E-02	—	pCi/L	—	J	180110	GU07010G37R401	GELC
CdV-R-37-2	2252	1550.6	08/10/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	3.53	—	—	2.30E+00	ug/L	J	J+	10-4116	CAWA-10-24749	GELC
CdV-R-37-2	2252	1550.6	04/14/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.4	—	—	2.10E+00	ug/L	U	U	10-2776	CAWA-10-15217	GELC
CdV-R-37-2	2252	1550.6	10/14/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.10E+00	ug/L	U	U	10-142	CAWA-09-14172	GELC
CdV-R-37-2	2252	1550.6	01/30/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.1	—	—	2.22E+00	ug/L	U	—	180110	GU07010G37R401	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	103	—	—	7.30E-01	mg/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	26.9	—	—	7.30E-01	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	43.1	—	—	7.30E-01	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.6	—	—	7.30E-01	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.256	—	—	1.60E-02	mg/L	—	J-	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.052	—	—	1.60E-02	mg/L	—	U	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.018	—	—	1.60E-02	mg/L	J	U	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.055	—	—	3.00E-02	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.146	—	—	6.60E-02	mg/L	J	J	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.083	—	—	6.60E-02	mg/L	J	J	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	U	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.4	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.89	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.81	—	—	5.00E-02	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.00E-02	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.6	—	—	3.00E-02	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.2	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	3.00E-02	mg/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	3.00E-02	mg/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.78	—	—	6.60E-02	mg/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	6.60E-02	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.62	—	—	6.60E-02	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.72	—	—	6.60E-02	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	—	0.00278	—	—	1.70E-03	mg/L	J	J+	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/09/08	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.005	—	—	1.50E-03	mg/L	U	U	08-970	CAWA-08-11593	GELC
MSC-16-06295	5971	1.5	10/25/07	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00828	—	—	1.50E-03	mg/L	—	—	196534	GU07100MSC9501	GELC
MSC-16-06295	5971	1.5	05/11/07	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00219	—	—	1.50E-03	mg/L	J	JN-	186075	GU07050MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.203	—	—	3.30E-02	mg/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.164	—	—	3.30E-02	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.175	—	—	3.30E-02	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.182	—	—	3.30E-02	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.7	—	—	3.50E-01	mg/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.9	—	—	3.50E-01	mg/L	—	—	10-2709	CAWA-10-15084	GELC

Table C-2 Water Canyon 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
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37	—	—	3.50E-01	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.2	—	—	3.50E-01	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.7	—	—	3.50E-01	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.3	—	—	3.50E-01	mg/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.1	—	—	3.50E-01	mg/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.2	—	—	3.50E-01	mg/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39	—	—	3.50E-01	mg/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.5	—	—	3.50E-01	mg/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.43	—	—	8.50E-02	mg/L	E	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.24	—	—	8.50E-02	mg/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	8.50E-02	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.66	—	—	8.50E-02	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.84	—	—	8.50E-02	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.06	—	—	8.50E-02	mg/L	E	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.41	—	—	8.50E-02	mg/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.37	—	—	8.50E-02	mg/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	8.50E-02	mg/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.91	—	—	8.50E-02	mg/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.99	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.95	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.76	—	—	5.00E-02	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.75	—	—	5.00E-02	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.43	—	—	5.00E-02	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.36	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.07	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.99	—	—	5.00E-02	mg/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.83	—	—	5.00E-02	mg/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.6	—	—	5.00E-02	mg/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.8	—	—	1.00E-01	mg/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	6.65	—	—	1.00E-01	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	4.50E-02	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	4.50E-02	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	1.00E-01	mg/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	6.73	—	—	1.00E-01	mg/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	4.50E-02	mg/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	254	—	—	1.00E+00	uS/cm	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	97.4	—	—	1.00E+00	uS/cm	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.06	—	—	1.00E-01	mg/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.95	—	—	1.00E-01	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.58	—	—	1.00E-01	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.38	—	—	1.00E-01	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	212	—	—	2.40E+00	mg/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	181	—	—	2.40E+00	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.40E+00	mg/L	H	J	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.04	—	—	3.30E-02	mg/L	—	—	10-4587	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.38	—	—	3.30E-02	mg/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.623	—	—	2.90E-02	mg/L	—	J+	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	04/09/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.419	—	—	2.90E-02	mg/L	—	J+	08-970	CAWA-08-11593	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	23.6	—	—	6.60E-01	mg/L	—	—	10-4587	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	13.4	—	—	6.60E-01	mg/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	12.9	—	—	3.30E-01	mg/L	—	—	09-1397	CAWA-09-5560	GELC

Table C-2 Water Canyon 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
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	18.5	—	—	3.30E-01	mg/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	04/09/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	13.5	—	—	3.30E-01	mg/L	—	—	08-970	CAWA-08-11593	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.41	—	—	1.50E-02	mg/L	—	J	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.154	—	—	1.50E-02	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.103	—	—	1.50E-02	mg/L	—	U	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.195	—	—	2.40E-02	mg/L	—	J	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.61	—	—	1.00E-02	SU	H	J-	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.24	—	—	1.00E-02	SU	H	J-	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.68	—	—	1.00E-02	SU	H	J-	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.01	—	—	1.00E-01	ug/L	—	J	10-4587	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.45	—	—	1.00E-01	ug/L	—	J	10-2710	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.52	—	—	1.00E-01	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.28	—	—	1.00E-01	ug/L	—	J	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	84.6	—	—	6.80E+01	ug/L	J	J	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	537	—	—	6.80E+01	ug/L	N	J+	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	10900	—	—	6.80E+01	ug/L	N	J+	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	463	—	—	6.80E+01	ug/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	579	—	—	6.80E+01	ug/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	171	—	—	6.80E+01	ug/L	J	J	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	678	—	—	6.80E+01	ug/L	N	J+	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	12800	—	—	6.80E+01	ug/L	N	J+	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	468	—	—	6.80E+01	ug/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1080	—	—	6.80E+01	ug/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.92	—	—	1.50E+00	ug/L	J	J	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	4.72	—	—	1.50E+00	ug/L	J	U	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.62	—	—	1.50E+00	ug/L	J	J	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	2.51	—	—	1.50E+00	ug/L	J	U	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.8	—	—	1.50E+00	ug/L	J	J	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.75	—	—	1.50E+00	ug/L	J	J	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	4.56	—	—	1.50E+00	ug/L	J	U	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	3.1	—	—	1.50E+00	ug/L	J	U	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.5	—	—	1.50E+00	ug/L	J	J	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	288	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	160	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	176	—	—	1.00E+00	ug/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	144	—	—	1.00E+00	ug/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	188	—	—	1.00E+00	ug/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	304	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	213	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	194	—	—	1.00E+00	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	162	—	—	1.00E+00	ug/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	195	—	—	1.00E+00	ug/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	298	—	—	1.50E+01	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	208	—	—	1.50E+01	ug/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	128	—	—	1.50E+01	ug/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	173	—	—	1.00E+01	ug/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	247	—	—	1.00E+01	ug/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	316	—	—	1.50E+01	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	216	—	—	1.50E+01	ug/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	132	—	—	1.50E+01	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	172	—	—	1.00E+01	ug/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	246	—	—	1.00E+01	ug/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.83	—	—	2.50E+00	ug/L	J	J	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	7.13	—	—	2.50E+00	ug/L	J	J	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-1397	CAWA-09-5559	GELC

Table C-2 Water Canyon 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
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.50E+00	ug/L	J	J	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.04	—	—	2.50E+00	ug/L	J	J	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	8.02	—	—	2.50E+00	ug/L	J	J	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.03	—	—	1.50E+00	ug/L	J	J	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.50E+00	ug/L	J	J	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	5.95	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	3.17	—	—	1.00E+00	ug/L	J	J	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.48	—	—	1.00E+00	ug/L	J	J	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.8	—	—	1.00E+00	ug/L	J	J	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	5.18	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.02	—	—	1.00E+00	ug/L	J	J	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.3	—	—	1.00E+00	ug/L	J	J	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	6390	—	—	3.00E+01	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	425	—	—	3.00E+01	ug/L	N	J+	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	5560	—	—	3.00E+01	ug/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	464	—	—	2.50E+01	ug/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1640	—	—	2.50E+01	ug/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	7650	—	—	3.00E+01	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	684	—	—	3.00E+01	ug/L	N	J+	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	6610	—	—	3.00E+01	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	817	—	—	2.50E+01	ug/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2060	—	—	2.50E+01	ug/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	1270	—	—	2.00E+00	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15	—	—	2.00E+00	ug/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	96.6	—	—	2.00E+00	ug/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.7	—	—	2.00E+00	ug/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	627	—	—	2.00E+00	ug/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1120	—	—	2.00E+00	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	25.6	—	—	2.00E+00	ug/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	106	—	—	2.00E+00	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	55	—	—	2.00E+00	ug/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	618	—	—	2.00E+00	ug/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.81	—	—	1.00E-01	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.698	—	—	1.00E-01	ug/L	—	U	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	1.00E-01	ug/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	1.00E-01	ug/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.29	—	—	1.00E-01	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.14	—	—	1.00E-01	ug/L	—	U	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.09	—	—	1.00E-01	ug/L	—	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.11	—	—	1.00E-01	ug/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	1.00E-01	ug/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.56	—	—	5.00E-01	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	57.1	—	—	5.00E-01	ug/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	5.00E-01	ug/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.65	—	—	5.00E-01	ug/L	J	J	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.66	—	—	5.00E-01	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.18	—	—	5.00E-01	ug/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.16	—	—	5.00E-01	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.21	—	—	5.00E-01	ug/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.4	—	—	5.30E-02	mg/L	—	—	10-4588	CAWA-10-25761	GELC

Table C-2 Water Canyon 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
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.6	—	—	5.30E-02	mg/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.4	—	—	3.20E-02	mg/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	37.6	—	—	3.20E-02	mg/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	148	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.4	—	—	1.00E+00	ug/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	65.1	—	—	1.00E+00	ug/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.5	—	—	1.00E+00	ug/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	163	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	65.8	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.2	—	—	1.00E+00	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	67.6	—	—	1.00E+00	ug/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.7	—	—	1.00E+00	ug/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.258	—	—	5.00E-02	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.525	—	—	5.00E-02	ug/L	—	—	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.73	—	—	5.00E-02	ug/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.321	—	—	5.00E-02	ug/L	—	—	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.18	—	—	5.00E-02	ug/L	J	J	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.208	—	—	5.00E-02	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	5.00E-02	ug/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.987	—	—	5.00E-02	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.382	—	—	5.00E-02	ug/L	—	—	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.23	—	—	5.00E-02	ug/L	—	—	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.21	—	—	1.00E+00	ug/L	J	J	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.37	—	—	1.00E+00	ug/L	J	J	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.37	—	—	1.00E+00	ug/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.77	—	—	1.00E+00	ug/L	J	J	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.7	—	—	1.00E+00	ug/L	J	J	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.92	—	—	1.00E+00	ug/L	J	J	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.27	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.34	—	—	1.00E+00	ug/L	J	J	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	ug/L	J	J	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.3	—	—	3.30E+00	ug/L	—	—	10-4588	CAWA-10-25761	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.3	—	—	3.30E+00	ug/L	J	J	10-2709	CAWA-10-15084	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	21.6	—	—	3.30E+00	ug/L	—	—	10-119	CAWA-09-13816	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	6.94	—	—	2.00E+00	ug/L	J	U	09-1397	CAWA-09-5559	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.3	—	—	2.00E+00	ug/L	—	—	09-107	CAWA-08-16013	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.4	—	—	3.30E+00	ug/L	—	—	10-4588	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.8	—	—	3.30E+00	ug/L	—	—	10-2709	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.2	—	—	3.30E+00	ug/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	8.04	—	—	2.00E+00	ug/L	J	U	09-1397	CAWA-09-5560	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9	—	—	2.00E+00	ug/L	J	J	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0152	1.72E-03	2.16E-02	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00149	1.37E-03	3.70E-02	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00404	2.03E-03	3.30E-02	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00513	2.62E-03	2.54E-02	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.7	4.53E-01	3.96E+00	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.421	5.00E-01	5.00E+00	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0335	3.67E-01	3.90E+00	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.15	5.27E-01	4.64E+00	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.14	3.80E-01	3.32E+00	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.44	5.33E-01	4.30E+00	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.3	4.67E-01	5.10E+00	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.74	3.93E-01	4.29E+00	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.391	1.19E-01	1.28E+00	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.27	3.03E-01	2.00E+00	—	pCi/L	—	U	10-4589	CAWA-10-25763	GELC

Table C-2 Water Canyon 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
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.09	3.07E-01	2.40E+00	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	10/25/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.94	2.83E-01	2.17E+00	—	pCi/L	U	U	196534	GU07100MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.492	1.22E-01	1.19E+00	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.14	2.89E-01	2.92E+00	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.99	3.67E-01	2.80E+00	—	pCi/L	—	—	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.83	5.00E-01	3.00E+00	—	pCi/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.2	3.14E-01	2.66E+00	—	pCi/L	—	J	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	55.8	2.03E+01	2.54E+02	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.6	1.23E+00	1.90E+01	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.1	3.23E+00	2.80E+01	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	81.7	2.88E+01	3.04E+02	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.16	3.06E+00	3.02E+01	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.3	9.67E-01	9.40E+00	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.245	2.77E+00	2.70E+01	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.42	3.03E+00	3.07E+01	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.33E-03	1.79E-02	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-3.45E-10	1.37E-03	3.20E-02	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0108	2.60E-03	3.50E-02	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00319	1.06E-03	1.75E-02	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00325	1.33E-03	1.19E-02	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00868	1.67E-03	4.70E-02	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0129	2.03E-03	3.50E-02	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00956	1.51E-03	1.16E-02	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.08	5.50E+00	4.05E+01	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.4	7.67E+00	7.70E+01	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.4	5.67E+00	5.70E+01	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.2	4.90E+00	5.35E+01	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0187	4.60E-01	4.29E+00	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.05	4.67E-01	4.90E+00	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.08	4.00E-01	3.50E+00	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.05	4.63E-01	3.72E+00	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.147	4.30E-02	4.36E-01	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.238	5.00E-02	4.80E-01	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.149	4.33E-02	4.30E-01	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.492	5.57E-02	5.28E-01	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.128	6.27E-03	4.10E-02	—	pCi/L	—	—	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0415	5.67E-03	7.90E-02	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.215	1.17E-02	1.40E-01	—	pCi/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.223	8.93E-03	4.27E-02	—	pCi/L	—	—	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0263	3.13E-03	4.19E-02	—	pCi/L	U	U	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0109	2.73E-03	4.00E-02	—	pCi/L	U	U	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00482	1.60E-03	7.10E-02	—	pCi/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0124	3.00E-03	4.35E-02	—	pCi/L	U	U	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.118	5.83E-03	2.90E-02	—	pCi/L	—	—	179773	GF07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0499	6.67E-03	3.50E-02	—	pCi/L	—	J+	10-4589	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.277	1.33E-02	8.60E-02	—	pCi/L	—	—	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	01/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.229	8.67E-03	3.02E-02	—	pCi/L	—	—	179773	GU07010MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	52	—	—	2.10E+00	ug/L	—	—	10-4587	CAWA-10-25763	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.6	—	—	2.30E+00	ug/L	U	UJ	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	10/16/08	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11	—	—	2.20E+00	ug/L	U	U	09-107	CAWA-08-16014	GELC
MSC-16-06295	5971	1.5	10/25/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.17E+00	ug/L	U	—	196534	GU07100MSC9501	GELC
MSC-16-06295	5971	1.5	09/14/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.38	—	—	3.00E-01	ug/L	J	J	10-4587	CAWA-10-25762	GELC
MSC-16-06295	5971	1.5	04/08/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-2710	CAWA-10-15085	GELC
MSC-16-06295	5971	1.5	10/13/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-119	CAWA-09-13814	GELC
MSC-16-06295	5971	1.5	04/06/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-1397	CAWA-09-5560	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	106	—	—	7.30E-01	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	107	—	—	7.30E-01	mg/L	—	—	10-166	CAWA-09-13713	GELC

Table C-2 Water Canyon 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
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	107	—	—	7.30E-01	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	99.9	—	—	7.30E-01	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	04/02/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.2	—	—	7.30E-01	mg/L	—	—	08-909	CAWA-08-11575	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.177	—	—	6.60E-02	mg/L	J	J	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.134	—	—	6.60E-02	mg/L	J	J	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.131	—	—	6.70E-02	mg/L	J	J	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.107	—	—	6.70E-02	mg/L	J	J	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	04/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.106	—	—	6.70E-02	mg/L	J	J	08-909	CAWA-08-11575	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	29.8	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.2	—	—	5.00E-02	mg/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	30.1	—	—	5.00E-02	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.6	—	—	3.00E-02	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.3	—	—	3.00E-02	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	29	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.8	—	—	5.00E-02	mg/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.5	—	—	5.00E-02	mg/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.3	—	—	3.00E-02	mg/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.7	—	—	3.00E-02	mg/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.6	—	—	1.30E-01	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.2	—	—	1.30E-01	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.4	—	—	1.30E-01	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.5	—	—	1.30E-01	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	04/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.2	—	—	6.60E-02	mg/L	—	—	08-909	CAWA-08-11575	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.491	—	—	3.30E-02	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.683	—	—	3.30E-02	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.611	—	—	3.30E-02	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.457	—	—	3.30E-02	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	04/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.349	—	—	3.30E-02	mg/L	—	—	08-909	CAWA-08-11575	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	102	—	—	3.50E-01	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	93.7	—	—	3.50E-01	mg/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	104	—	—	3.50E-01	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	95.7	—	—	3.50E-01	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	98.9	—	—	3.50E-01	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	99.3	—	—	3.50E-01	mg/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	93.3	—	—	3.50E-01	mg/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	108	—	—	3.50E-01	mg/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	98.2	—	—	3.50E-01	mg/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	101	—	—	3.50E-01	mg/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.78	—	—	8.50E-02	mg/L	E	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.25	—	—	8.50E-02	mg/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.94	—	—	8.50E-02	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.51	—	—	8.50E-02	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.85	—	—	8.50E-02	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.5	—	—	8.50E-02	mg/L	E	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.41	—	—	8.50E-02	mg/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.14	—	—	8.50E-02	mg/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.69	—	—	8.50E-02	mg/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.14	—	—	8.50E-02	mg/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.34	—	—	1.00E-01	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.14	—	—	5.00E-02	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.34	—	—	1.00E-01	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.04	—	—	5.00E-02	mg/L	—	J	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	04/02/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.69	—	—	5.00E-02	mg/L	—	—	08-909	CAWA-08-11575	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.706	—	—	5.00E-02	ug/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.638	—	—	5.00E-02	ug/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.546	—	—	5.00E-02	ug/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.694	—	—	5.00E-02	ug/L	—	—	09-61	CAWA-08-15963	GELC

Table C-2 Water Canyon 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
Martin Spring	—	—	04/02/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.459	—	—	5.00E-02	ug/L	—	—	08-909	CAWA-08-11575	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.29	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.57	—	—	5.00E-02	mg/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	5.00E-02	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.83	—	—	5.00E-02	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.1	—	—	5.00E-02	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.24	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.72	—	—	5.00E-02	mg/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.84	—	—	5.00E-02	mg/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.96	—	—	5.00E-02	mg/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.35	—	—	5.00E-02	mg/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	33.6	—	—	1.00E-01	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	34.5	—	—	1.00E-01	mg/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	32.4	—	—	1.00E-01	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	33.5	—	—	4.50E-02	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	31.4	—	—	4.50E-02	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	31.6	—	—	1.00E-01	mg/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	33.8	—	—	1.00E-01	mg/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	34.2	—	—	1.00E-01	mg/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	33.6	—	—	4.50E-02	mg/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	31	—	—	4.50E-02	mg/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	375	—	—	1.00E+00	uS/cm	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	374	—	—	1.00E+00	uS/cm	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	353	—	—	1.00E+00	uS/cm	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	331	—	—	1.00E+00	uS/cm	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.3	—	—	1.00E-01	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.6	—	—	1.00E-01	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.8	—	—	1.00E-01	mg/L	—	J-	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.8	—	—	1.00E-01	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	04/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.1	—	—	1.00E-01	mg/L	—	—	08-909	CAWA-08-11575	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	90.8	—	—	2.30E+00	mg/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	55.2	—	—	2.30E+00	mg/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	12	—	—	2.30E+00	mg/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8.4	—	—	1.10E+00	mg/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	6.6	—	—	1.10E+00	mg/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	257	—	—	2.40E+00	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	241	—	—	2.40E+00	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	216	—	—	2.40E+00	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	215	—	—	2.40E+00	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	04/02/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	185	—	—	2.40E+00	mg/L	—	—	08-909	CAWA-08-11575	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.435	—	—	3.30E-02	mg/L	—	—	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.106	—	—	3.30E-02	mg/L	—	J-	10-165	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.32	—	—	2.90E-02	mg/L	—	J+	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.424	—	—	2.90E-02	mg/L	—	J+	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	04/02/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.297	—	—	2.90E-02	mg/L	—	—	08-909	CAWA-08-11576	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.52	—	—	3.30E-01	mg/L	—	—	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.51	—	—	3.30E-01	mg/L	—	—	10-165	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.85	—	—	3.30E-01	mg/L	—	—	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.04	—	—	3.30E-01	mg/L	—	—	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	04/02/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.09	—	—	3.30E-01	mg/L	—	J-	08-909	CAWA-08-11576	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	1.00E-02	SU	H	J-	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.26	—	—	1.00E-02	SU	H	J-	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.22	—	—	1.00E-02	SU	H	J-	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.19	—	—	1.00E-02	SU	H	J-	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	—	0.804	—	—	3.90E-01	ug/L	J	J	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	—	0.864	—	—	3.90E-01	ug/L	J	J	10-2742	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	—	0.894	—	—	3.90E-01	ug/L	J	J+	10-165	CAWA-09-13712	GELC

Table C-2 Water Canyon 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
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	—	0.988	—	—	6.10E-01	ug/L	J	J	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	—	0.808	—	—	6.10E-01	ug/L	J	J	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	2.36	—	—	1.00E-01	ug/L	—	J	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	1.25	—	—	1.00E-01	ug/L	—	—	10-2742	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	2.08	—	—	1.00E-01	ug/L	—	—	10-165	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	1.97	—	—	1.30E-01	ug/L	—	—	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	2.03	—	—	1.30E-01	ug/L	—	—	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	1.72	—	—	1.00E-01	ug/L	—	J	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	1.16	—	—	1.00E-01	ug/L	—	—	10-2742	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	1.93	—	—	1.00E-01	ug/L	—	—	10-165	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	1.67	—	—	1.20E-01	ug/L	—	—	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	1.73	—	—	1.20E-01	ug/L	—	—	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	UF	DL	—	Hexp	SW-846:8321	HMX	—	17	—	—	1.30E+00	ug/L	—	J	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	12.9	—	—	1.00E-01	ug/L	—	—	10-2742	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	DL	—	Hexp	SW-846:8321	HMX	—	20.3	—	—	2.60E+00	ug/L	—	—	10-165	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	DL	—	Hexp	SW-846:8321	HMX	—	16.2	—	—	1.30E+00	ug/L	—	J	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	DL	—	Hexp	SW-846:8321	HMX	—	16.8	—	—	1.00E+00	ug/L	—	J	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.39	—	—	9.10E-02	ug/L	J	J	10-4586	CAWA-10-25715	STSL
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	U	10-2741	CAWA-10-14978	STSL
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.43	—	—	9.10E-02	ug/L	J	J	10-164	CAWA-09-13712	STSL
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.41	—	—	9.10E-02	ug/L	J	J	09-1276	CAWA-09-5537	STSL
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.57	—	—	9.10E-02	ug/L	—	J	09-59	CAWA-08-15964	STSL
Martin Spring	—	—	09/14/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	100	—	—	1.30E+00	ug/L	—	—	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	77.8	—	—	1.30E+00	ug/L	—	—	10-2742	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	143	—	—	2.60E+00	ug/L	—	J	10-165	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	102	—	—	1.60E+00	ug/L	—	J	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	114	—	—	1.30E+00	ug/L	—	—	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.19	—	—	8.20E-02	ug/L	J	J	10-4586	CAWA-10-25715	STSL
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	10-2741	CAWA-10-14978	STSL
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.19	—	—	8.20E-02	ug/L	J	U	10-164	CAWA-09-13712	STSL
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.2	—	—	8.20E-02	ug/L	JP	J	09-1276	CAWA-09-5537	STSL
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	R	09-59	CAWA-08-15964	STSL
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.477	—	—	1.00E-01	ug/L	—	—	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.324	—	—	1.00E-01	ug/L	J	J	10-2742	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.625	—	—	1.00E-01	ug/L	—	—	10-165	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.93	—	—	1.00E-01	ug/L	—	—	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.277	—	—	1.00E-01	ug/L	J	J	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	179	—	—	6.80E+01	ug/L	J	J	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1590	—	—	6.80E+01	ug/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	895	—	—	6.80E+01	ug/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	214	—	—	6.80E+01	ug/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	104	—	—	6.80E+01	ug/L	J	J	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1310	—	—	6.80E+01	ug/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3410	—	—	6.80E+01	ug/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1190	—	—	6.80E+01	ug/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	692	—	—	6.80E+01	ug/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1940	—	—	6.80E+01	ug/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	186	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	176	—	—	1.00E+00	ug/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	166	—	—	1.00E+00	ug/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	160	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	166	—	—	1.00E+00	ug/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	184	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	184	—	—	1.00E+00	ug/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	173	—	—	1.00E+00	ug/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	165	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	175	—	—	1.00E+00	ug/L	—	—	09-61	CAWA-08-15964	GELC

Table C-2 Water Canyon 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
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	1440	—	—	1.50E+01	ug/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	1240	—	—	1.50E+01	ug/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	1380	—	—	1.50E+01	ug/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	1270	—	—	1.00E+01	ug/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	1230	—	—	1.00E+01	ug/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	1360	—	—	1.50E+01	ug/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	1230	—	—	1.50E+01	ug/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	1380	—	—	1.50E+01	ug/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	1300	—	—	1.00E+01	ug/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	1210	—	—	1.00E+01	ug/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.42	—	—	2.50E+00	ug/L	J	J	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.4	—	—	1.50E+00	ug/L	J	J	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.7	—	—	1.50E+00	ug/L	J	J	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	2.50E+00	ug/L	J	J	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	1.50E+00	ug/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	1.50E+00	ug/L	J	J	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	102	—	—	3.00E+01	ug/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	769	—	—	3.00E+01	ug/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	443	—	—	3.00E+01	ug/L	—	J	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	95.3	—	—	2.50E+01	ug/L	J	J	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	60.6	—	—	2.50E+01	ug/L	J	J	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	837	—	—	3.00E+01	ug/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1610	—	—	3.00E+01	ug/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	706	—	—	3.00E+01	ug/L	—	J	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	327	—	—	2.50E+01	ug/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1150	—	—	2.50E+01	ug/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.6	—	—	5.00E-01	ug/L	J	J	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	1.1	—	—	5.00E-01	ug/L	J	U	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.858	—	—	5.00E-01	ug/L	J	J	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.14	—	—	5.00E-01	ug/L	J	J	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.711	—	—	5.00E-01	ug/L	J	J	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2.1	—	—	5.00E-01	ug/L	—	U	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.87	—	—	1.00E-01	ug/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.79	—	—	1.00E-01	ug/L	—	J	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.89	—	—	1.00E-01	ug/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.93	—	—	1.00E-01	ug/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.7	—	—	1.00E-01	ug/L	—	J	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.75	—	—	1.00E-01	ug/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.65	—	—	1.00E-01	ug/L	—	J	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.9	—	—	1.00E-01	ug/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.08	—	—	1.00E-01	ug/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.8	—	—	1.00E-01	ug/L	—	J	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.887	—	—	5.00E-01	ug/L	J	J	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.34	—	—	5.00E-01	ug/L	J	J	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.902	—	—	5.00E-01	ug/L	J	J	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	5.00E-01	ug/L	J	J	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.83	—	—	5.00E-01	ug/L	J	J	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.08	—	—	5.00E-01	ug/L	J	J	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.37	—	—	5.00E-01	ug/L	J	J	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.922	—	—	5.00E-01	ug/L	J	J	10-166	CAWA-09-13712	GELC

Table C-2 Water Canyon 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
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	5.00E-01	ug/L	J	J	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.1	—	—	5.30E-02	mg/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.3	—	—	5.30E-02	mg/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.5	—	—	3.20E-02	mg/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.4	—	—	3.20E-02	mg/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	04/02/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.5	—	—	3.20E-02	mg/L	—	—	08-909	CAWA-08-11575	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	147	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	138	—	—	1.00E+00	ug/L	—	—	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	144	—	—	1.00E+00	ug/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	144	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	141	—	—	1.00E+00	ug/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	141	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	152	—	—	1.00E+00	ug/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	144	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	141	—	—	1.00E+00	ug/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.32	—	—	5.00E-02	ug/L	—	—	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.797	—	—	5.00E-02	ug/L	—	U	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.53	—	—	5.00E-02	ug/L	—	—	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.62	—	—	5.00E-02	ug/L	—	—	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.12	—	—	5.00E-02	ug/L	—	—	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.974	—	—	5.00E-02	ug/L	—	J	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.8	—	—	5.00E-02	ug/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	ug/L	—	—	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.29	—	—	1.00E+00	ug/L	J	J	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.19	—	—	1.00E+00	ug/L	J	J	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.71	—	—	1.00E+00	ug/L	J	J	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.64	—	—	1.00E+00	ug/L	J	J	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	ug/L	J	J	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.72	—	—	1.00E+00	ug/L	J	J	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.54	—	—	1.00E+00	ug/L	—	—	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.14	—	—	1.00E+00	ug/L	J	J	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.06	—	—	1.00E+00	ug/L	J	J	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.1	—	—	1.00E+00	ug/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.54	—	—	3.30E+00	ug/L	J	J	10-4588	CAWA-10-25717	GELC
Martin Spring	—	—	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.8	—	—	3.30E+00	ug/L	J	U	10-2743	CAWA-10-14977	GELC
Martin Spring	—	—	10/16/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-166	CAWA-09-13713	GELC
Martin Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.46	—	—	2.00E+00	ug/L	J	U	09-1278	CAWA-09-5536	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-61	CAWA-08-15963	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.74	—	—	3.30E+00	ug/L	J	J	10-4588	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.27	—	—	3.30E+00	ug/L	J	U	10-2743	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.39	—	—	2.00E+00	ug/L	J	U	09-1278	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.2	—	—	2.00E+00	ug/L	—	—	09-61	CAWA-08-15964	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00135	1.43E-03	2.70E-02	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00485	1.08E-03	3.62E-02	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.004	9.87E-04	1.89E-02	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0102	1.90E-03	4.70E-02	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0048	9.33E-04	3.50E-02	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000745	1.23E-03	2.70E-02	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00383	2.79E-03	3.59E-02	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00563	1.19E-03	1.98E-02	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.211	4.67E-01	4.50E+00	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.881	5.03E-01	5.12E+00	—	pCi/L	U	U	196215	GF071000GSTM01	GELC

Table C-2 Water Canyon 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
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.394	4.10E-01	3.54E+00	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.454	5.00E-01	4.90E+00	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.865	4.00E-01	3.60E+00	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.128	5.00E-01	4.80E+00	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.29	4.37E-01	4.55E+00	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.42	3.97E-01	3.59E+00	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.448	5.00E-01	4.90E+00	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.854	5.07E-01	4.74E+00	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.28	4.10E-01	3.93E+00	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.621	5.33E-01	5.40E+00	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.43	4.67E-01	5.20E+00	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.19	4.33E-01	4.90E+00	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.18	5.73E-01	4.59E+00	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.846	3.97E-01	3.65E+00	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.58	3.40E-01	3.35E+00	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	1.8	2.19E-01	1.64E+00	—	pCi/L	—	J	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.01	3.07E-01	2.20E+00	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.45	2.83E-01	2.20E+00	—	pCi/L	—	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.59	1.72E-01	1.49E+00	—	pCi/L	—	J	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.925	1.85E-01	1.62E+00	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	1.98	2.24E-01	1.98E+00	—	pCi/L	—	J	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.65	3.33E-01	2.70E+00	—	pCi/L	—	J	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.37	3.67E-01	3.00E+00	—	pCi/L	—	—	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4	4.00E-01	3.20E+00	—	pCi/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.05	3.77E-01	3.32E+00	—	pCi/L	—	J	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.05	3.14E-01	2.54E+00	—	pCi/L	—	J	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.1	6.67E+00	1.10E+01	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	58.8	2.08E+01	2.12E+02	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	68.8	2.12E+01	2.92E+02	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.5	3.17E+00	2.20E+01	—	pCi/L	—	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	28.1	4.67E+00	5.50E+01	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	4.1	4.33E+00	1.30E+01	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	124	2.23E+01	3.10E+02	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	78.5	2.75E+01	2.96E+02	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.657	2.93E+00	2.90E+01	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11	3.90E+00	3.39E+01	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.53	2.89E+00	2.62E+01	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.03	9.33E-01	8.70E+00	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.8	3.67E+00	3.30E+01	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.98	3.27E+00	3.40E+01	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.98	4.40E+00	3.71E+01	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4	5.07E+00	2.61E+01	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0054	1.33E-03	2.70E-02	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0249	3.40E-03	3.61E-02	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0059	1.14E-03	2.16E-02	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00273	1.57E-03	3.00E-02	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0128	2.23E-03	3.60E-02	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00189	1.40E-03	2.90E-02	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00561	4.77E-03	4.89E-02	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00976	2.16E-03	2.14E-02	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0018	1.03E-03	3.10E-02	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00622	1.55E-03	3.40E-02	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00393	2.07E-03	1.44E-02	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0191	3.67E-03	4.50E-02	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00212	1.60E-03	3.40E-02	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00568	1.67E-03	3.30E-02	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0196	2.48E-03	4.60E-02	—	pCi/L	U	U	196215	GU071000GSTM01	GELC

Table C-2 Water Canyon 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
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00586	1.13E-03	1.43E-02	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.01	6.00E+00	6.30E+01	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-31.2	6.07E+00	6.04E+01	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.907	6.60E+00	3.89E+01	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.45	6.00E+00	6.10E+01	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.3	6.00E+00	6.60E+01	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	43.1	5.00E+00	6.30E+01	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.71	6.03E+00	6.46E+01	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	43.2	3.77E+00	4.51E+01	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.14	2.93E-01	3.40E+00	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.192	4.73E-01	4.64E+00	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.688	3.53E-01	3.26E+00	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.65	5.33E-01	3.90E+00	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.41	5.33E-01	5.50E+00	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.425	4.67E-01	4.30E+00	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.13	5.07E-01	3.69E+00	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.04	3.93E-01	4.10E+00	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.115	3.30E-02	3.40E-01	—	pCi/L	U	U	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0956	2.86E-02	3.46E-01	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.202	3.57E-02	3.50E-01	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.12	4.33E-02	4.90E-01	—	pCi/L	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.37	3.67E-02	4.60E-01	—	pCi/L	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.293	4.67E-02	4.30E-01	—	pCi/L	U	U	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.338	4.93E-02	4.51E-01	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.117	3.40E-02	3.41E-01	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.647	1.63E-02	5.60E-02	—	pCi/L	—	—	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.286	9.63E-03	4.30E-02	—	pCi/L	—	—	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.533	1.53E-02	4.51E-02	—	pCi/L	—	—	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.32	3.67E-02	7.70E-02	—	pCi/L	—	—	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.19	3.23E-02	7.40E-02	—	pCi/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.699	1.73E-02	5.70E-02	—	pCi/L	—	—	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.344	1.11E-02	4.41E-02	—	pCi/L	—	—	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.556	1.69E-02	5.43E-02	—	pCi/L	—	—	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0394	3.17E-03	2.90E-02	—	pCi/L	—	—	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00471	1.93E-03	3.34E-02	—	pCi/L	U	U	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0263	3.07E-03	4.60E-02	—	pCi/L	U	U	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0641	5.67E-03	3.90E-02	—	pCi/L	—	—	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0812	5.33E-03	3.80E-02	—	pCi/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0383	3.30E-03	3.00E-02	—	pCi/L	—	—	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0169	2.15E-03	3.42E-02	—	pCi/L	U	U	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0222	4.37E-03	5.54E-02	—	pCi/L	U	U	180010	GU070100GSTM01	GELC
Martin Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.408	1.13E-02	3.10E-02	—	pCi/L	—	—	09-62	CAWA-08-15963	GELC
Martin Spring	—	—	10/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.204	7.63E-03	3.77E-02	—	pCi/L	—	—	196215	GF071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.348	1.15E-02	3.19E-02	—	pCi/L	—	—	180010	GF070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.881	2.73E-02	3.40E-02	—	pCi/L	—	—	10-4589	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.859	2.43E-02	4.60E-02	—	pCi/L	—	—	10-166	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.492	1.33E-02	3.20E-02	—	pCi/L	—	—	09-62	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.242	8.77E-03	3.86E-02	—	pCi/L	—	—	196215	GU071000GSTM01	GELC
Martin Spring	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.405	1.35E-02	3.85E-02	—	pCi/L	—	—	180010	GU070100GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	53.6	—	—	2.20E+00	ug/L	—	—	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.10E+00	ug/L	U	U	10-165	CAWA-09-13712	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.8	—	—	2.20E+00	ug/L	U	U	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	10/19/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.17E+00	ug/L	U	—	196215	GU071000GSTM01	GELC
Martin Spring	—	—	05/09/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.5	—	—	2.30E+00	ug/L	U	—	185932	GU070500GSTM01	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.34	—	—	3.00E-01	ug/L	J	J	10-4587	CAWA-10-25716	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	10-2742	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-165	CAWA-09-13712	GELC

Table C-2 Water Canyon 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
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-60	CAWA-08-15964	GELC
Martin Spring	—	—	09/14/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.31	—	—	2.50E-01	ug/L	J	J	10-4587	CAWA-10-25715	GELC
Martin Spring	—	—	04/13/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.394	—	—	2.50E-01	ug/L	J	J	10-2742	CAWA-10-14978	GELC
Martin Spring	—	—	10/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.314	—	—	2.50E-01	ug/L	J	J	10-165	CAWA-09-13712	GELC
Martin Spring	—	—	03/24/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.333	—	—	2.50E-01	ug/L	J	J	09-1277	CAWA-09-5537	GELC
Martin Spring	—	—	10/08/08	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.391	—	—	2.50E-01	ug/L	J	J	09-60	CAWA-08-15964	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.7	—	—	7.30E-01	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.2	—	—	7.30E-01	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.4	—	—	1.45E+00	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.045	—	—	1.60E-02	mg/L	J	J-	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.029	—	—	1.60E-02	mg/L	J	U	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.039	—	—	1.00E-02	mg/L	J	JN-, J-, U	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	5.00E-02	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.4	—	—	3.00E-02	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	3.00E-02	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.2	—	—	3.60E-02	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.5	—	—	5.00E-02	mg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	3.00E-02	mg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	3.00E-02	mg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.60E-02	mg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.9	—	—	5.54E-03	mg/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	5.54E-03	mg/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	11.6	—	—	6.60E-02	mg/L	—	J+	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	12	—	—	6.60E-02	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	12	—	—	6.60E-02	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	13.5	—	—	5.30E-02	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.093	—	—	3.30E-02	mg/L	J	J	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.125	—	—	3.30E-02	mg/L	—	U	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.145	—	—	3.30E-02	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.118	—	—	3.00E-02	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.5	—	—	3.50E-01	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.1	—	—	3.50E-01	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	65.9	—	—	3.50E-01	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	70.6	—	—	8.50E-02	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.6	—	—	3.50E-01	mg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.3	—	—	3.50E-01	mg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.3	—	—	3.50E-01	mg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	68.5	—	—	8.50E-02	mg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Geninorg	EPA:200.7	Hardness	—	66	—	—	5.54E-03	mg/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.63	—	—	8.50E-02	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.96	—	—	8.50E-02	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.91	—	—	8.50E-02	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.08	—	—	8.50E-02	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.81	—	—	8.50E-02	mg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.24	—	—	8.50E-02	mg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.94	—	—	8.50E-02	mg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.91	—	—	8.50E-02	mg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.16	—	—	5.18E-03	mg/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Magnesium	—	5.02	—	—	5.18E-03	mg/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.04	—	—	5.00E-02	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.24	—	—	1.00E-01	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.09	—	—	5.00E-02	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	1.04	—	—	1.70E-02	mg/L	—	J	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.566	—	—	5.00E-02	ug/L	—	J+	10-4684	CAWA-10-25798	GELC

Table C-2 Water Canyon 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
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.512	—	—	5.00E-02	ug/L	—	J	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.566	—	—	5.00E-02	ug/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.577	—	—	5.00E-02	ug/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.2	—	—	5.00E-02	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.26	—	—	5.00E-02	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	5.00E-02	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.33	—	—	5.00E-02	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.26	—	—	5.00E-02	mg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.29	—	—	5.00E-02	mg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.23	—	—	5.00E-02	mg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.12	—	—	1.65E-02	mg/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Potassium	—	1.1	—	—	1.65E-02	mg/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.1	—	—	3.20E-02	mg/L	N*	J-, J	142482	GF0508G25R101	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	38.4	—	—	3.20E-02	mg/L	N*	J-, J	142482	GU0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.89	—	—	1.00E-01	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.9	—	—	4.50E-02	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.77	—	—	4.50E-02	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.82	—	—	1.00E-01	mg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.99	—	—	4.50E-02	mg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.59	—	—	4.50E-02	mg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.85	—	—	1.44E-02	mg/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Sodium	—	8.73	—	—	1.44E-02	mg/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	181	—	—	1.00E+00	uS/cm	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	176	—	—	1.00E+00	uS/cm	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	192	—	—	1.00E+00	uS/cm	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.39	—	—	1.00E-01	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	8.07	—	—	1.00E-01	mg/L	—	U	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.87	—	—	1.00E-01	mg/L	—	J	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.48	—	—	5.70E-02	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.38E+00	mg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.11	—	—	3.30E-01	mg/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.89	—	—	3.30E-01	mg/L	J	J	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.57	—	—	3.30E-01	mg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	12/11/03	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.943	—	—	2.50E-02	mg/L	—	J-	103702	GU0312G25R101	GELC
R-25	932	754.8	08/07/02	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.08	—	—	2.50E-02	mg/L	—	—	65016	GU0207G25R101	GELC
R-25	932	754.8	08/07/02	WG	UF	DUP	—	Geninorg	EPA:415.1	Total Organic Carbon	—	1.11	—	—	2.50E-02	mg/L	—	—	65558	GU0207G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	5.71	—	—	1.00E-02	SU	H	J-	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.96	—	—	1.00E-02	SU	H	J-	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	1.00E-02	SU	H	J-	09-169	CAWA-08-16015	GELC
R-25	932	754.8	09/21/10	WG	UF	DL	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	2.32	—	—	1.00E-01	ug/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	2.61	—	—	1.30E-01	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.30E-01	ug/L	U	UJ	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/22/08	WG	UF	RE	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	3.23	—	—	1.30E-01	ug/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/18/07	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	3.46	—	—	1.30E-01	ug/L	—	J, J+	196149	GU07100G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	DL	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	2.4	—	—	1.00E-01	ug/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	2.81	—	—	1.20E-01	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	1.20E-01	ug/L	U	UJ	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/22/08	WG	UF	RE	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	2.58	—	—	1.20E-01	ug/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/18/07	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	2.95	—	—	1.17E-01	ug/L	—	J	196149	GU07100G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	DL	—	Hexp	SW-846:8321	Dinitrotoluene[2,4-]	—	0.698	—	—	1.00E-01	ug/L	—	—	10-4683	CAWA-10-25800	GELC

Table C-2 Water Canyon 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
R-25	932	754.8	03/31/09	WG	UF	CS	—	Hexp	SW-846:8321	Dinitrotoluene[2,4-]	—	0.804	—	—	1.30E-01	ug/L	—	J	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	Dinitrotoluene[2,4-]	<	0.325	—	—	1.30E-01	ug/L	U	UJ	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/22/08	WG	UF	RE	—	Hexp	SW-846:8321	Dinitrotoluene[2,4-]	—	0.617	—	—	1.30E-01	ug/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	754.8	09/21/10	WG	UF	DL	—	Hexp	SW-846:8321	HMX	—	4.37	—	—	1.00E-01	ug/L	—	J	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	8.02	—	—	1.00E-01	ug/L	—	J	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.289	—	—	1.00E-01	ug/L	J	J	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/22/08	WG	UF	RE	—	Hexp	SW-846:8321	HMX	—	10.8	—	—	1.00E-01	ug/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/18/07	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	10.2	—	—	1.04E-01	ug/L	—	J+, J	196149	GU07100G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.17	—	—	9.10E-02	ug/L	P	J	10-4682	CAWA-10-25800	STSL
R-25	932	754.8	03/31/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	R	09-1337	CAWA-09-5594	STSL
R-25	932	754.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	U	09-167	CAWA-08-16016	STSL
R-25	932	754.8	05/09/07	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.32	—	—	9.10E-02	ug/L	JP	NJ	F7E110156	SU07050G25R101	STSL
R-25	932	754.8	09/21/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	26.2	—	—	5.20E-01	ug/L	—	J	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	41.8	—	—	6.50E-01	ug/L	—	J	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	1.59	—	—	1.30E-01	ug/L	—	J	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/22/08	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	41.7	—	—	6.50E-01	ug/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/18/07	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	47.2	—	—	6.49E-01	ug/L	—	J	196149	GU07100G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.47	—	—	8.20E-02	ug/L	P	J	10-4682	CAWA-10-25800	STSL
R-25	932	754.8	03/31/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	09-1337	CAWA-09-5594	STSL
R-25	932	754.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	09-167	CAWA-08-16016	STSL
R-25	932	754.8	05/09/07	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.75	—	—	8.20E-02	ug/L	P	J	F7E110156	SU07050G25R101	STSL
R-25	932	754.8	09/21/10	WG	UF	DL	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.862	—	—	1.00E-01	ug/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.775	—	—	1.00E-01	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	<	0.325	—	—	1.00E-01	ug/L	U	UJ	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/22/08	WG	UF	RE	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	1.13	—	—	1.00E-01	ug/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/18/07	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.859	—	—	1.04E-01	ug/L	—	J	196149	GU07100G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	DL	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	8.08	—	—	1.00E-01	ug/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	6.32	—	—	7.80E-02	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	0.0991	—	—	7.80E-02	ug/L	J	J	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/22/08	WG	UF	RE	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	7.75	—	—	7.80E-02	ug/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	754.8	10/18/07	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	8.22	—	—	7.79E-02	ug/L	—	J+, J	196149	GU07100G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6.6	—	—	1.00E+00	ug/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.12	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6	—	—	1.00E+00	ug/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.8	—	—	1.00E+00	ug/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.41	—	—	1.00E+00	ug/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.96	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.6	—	—	1.00E+00	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.4	—	—	1.00E+00	ug/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10	—	—	2.22E-01	ug/L	—	J-	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Barium	—	9.2	—	—	2.22E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	91	—	—	1.50E+01	ug/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	103	—	—	1.00E+01	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	95.5	—	—	1.00E+01	ug/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	163	—	—	1.00E+01	ug/L	—	J+	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	89.1	—	—	1.50E+01	ug/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	101	—	—	1.00E+01	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	98.2	—	—	1.00E+01	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	164	—	—	1.00E+01	ug/L	—	J+	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	196	—	—	4.88E+00	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Boron	—	190	—	—	4.88E+00	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	9.69	—	—	2.50E+00	ug/L	J	J	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	8.56	—	—	1.50E+00	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.7	—	—	1.50E+00	ug/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	6.2	—	—	1.00E+00	ug/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	28.7	—	—	2.50E+00	ug/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	75.4	—	—	1.50E+00	ug/L	—	—	09-1338	CAWA-09-5594	GELC

Table C-2 Water Canyon 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
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	97.3	—	—	1.50E+00	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	153	—	—	1.00E+00	ug/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	44.8	—	—	5.03E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Chromium	—	42	—	—	5.03E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	7.41	—	—	1.00E+00	ug/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	11.5	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.3	—	—	1.00E+00	ug/L	J	J	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	11.1	—	—	1.00E+00	ug/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	6.09	—	—	1.00E+00	ug/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	8.26	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	6.7	—	—	1.00E+00	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	12.7	—	—	1.00E+00	ug/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	18.4	—	—	5.41E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Cobalt	—	18.5	—	—	5.41E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	91.7	—	—	3.00E+01	ug/L	J	J	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	29.5	—	—	2.50E+01	ug/L	J	J	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	26.7	—	—	2.50E+01	ug/L	J	J	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	192	—	—	1.80E+01	ug/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	214	—	—	3.00E+01	ug/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	782	—	—	2.50E+01	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1490	—	—	2.50E+01	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	3770	—	—	1.80E+01	ug/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4410	—	—	1.26E+01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Iron	—	4230	—	—	1.26E+01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	83.9	—	—	2.00E+00	ug/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	140	—	—	2.00E+00	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	61.8	—	—	2.00E+00	ug/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	183	—	—	2.00E+00	ug/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	67.9	—	—	2.00E+00	ug/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	97	—	—	2.00E+00	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	88.8	—	—	2.00E+00	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	198	—	—	2.00E+00	ug/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	409	—	—	2.96E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Manganese	—	394	—	—	2.96E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.987	—	—	1.00E-01	ug/L	—	J	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	1.00E-01	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.89	—	—	1.00E-01	ug/L	—	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	142482	GF0508G25R101	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.67	—	—	1.00E-01	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2.00E+00	ug/L	J	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.5	—	—	1.43E+00	ug/L	J	U	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Molybdenum	—	2.34	—	—	1.43E+00	ug/L	J	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	454	—	—	5.00E-01	ug/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	731	—	—	5.00E+00	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	338	—	—	5.00E-01	ug/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	723	—	—	5.00E-01	ug/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	370	—	—	5.00E-01	ug/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	596	—	—	5.00E+00	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	442	—	—	5.00E-01	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	742	—	—	5.00E-01	ug/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	1720	—	—	6.90E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Nickel	—	1670	—	—	6.90E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.5	—	—	5.30E-02	mg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.6	—	—	3.20E-02	mg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.6	—	—	3.20E-02	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.1	—	—	1.00E+00	ug/L	—	—	10-4684	CAWA-10-25798	GELC

Table C-2 Water Canyon 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
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.3	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	ug/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1.00E+00	ug/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.7	—	—	1.00E+00	ug/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	ug/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.9	—	—	1.78E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Strontium	—	87.9	—	—	1.78E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	43.7	—	—	5.00E-02	ug/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.475	—	—	5.00E-02	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.92	—	—	5.00E-02	ug/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.74	—	—	5.00E-02	ug/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.506	—	—	5.00E-02	ug/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.709	—	—	5.00E-02	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.95	—	—	5.00E-02	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	5.00E-02	ug/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.42	—	—	2.00E-02	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6020	Uranium	—	0.418	—	—	2.00E-02	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.31	—	—	1.00E+00	ug/L	J	J	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.8	—	—	1.00E+00	ug/L	J	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1.00E+00	ug/L	J	—	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1.00E+00	ug/L	J	J	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.18	—	—	1.00E+00	ug/L	J	J	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3	—	—	1.00E+00	ug/L	J	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.9	—	—	1.00E+00	ug/L	J	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	0.95	—	—	6.06E-01	ug/L	J	JN-	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Vanadium	—	0.634	—	—	6.06E-01	ug/L	J	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.72	—	—	3.30E+00	ug/L	J	J	10-4684	CAWA-10-25798	GELC
R-25	932	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	11.3	—	—	2.00E+00	ug/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.7	—	—	2.00E+00	ug/L	J	J	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	12.6	—	—	2.00E+00	ug/L	*	J, U	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.34	—	—	3.30E+00	ug/L	J	J	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10	—	—	2.00E+00	ug/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.9	—	—	2.00E+00	ug/L	J	J	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	21.6	—	—	2.00E+00	ug/L	*	U, J	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.6	—	—	8.83E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	DUP	—	Metals	SW-846:6010B	Zinc	—	16.6	—	—	8.83E-01	ug/L	—	—	120735	GU0408G25R101	GELC
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00474	6.00E-03	4.50E-02	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.022	5.87E-03	5.40E-02	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	7.67E-04	3.30E-02	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0295	5.33E-03	3.40E-02	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0221	3.33E-03	5.40E-02	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	0.00817	2.55E-03	3.20E-02	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	1.11	—	9.90E+00	—	pCi/L	U	U	495S	GW25-02-0001	GEL
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0486	4.33E-01	4.20E+00	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.159	2.23E-01	2.34E+00	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.219	5.33E-01	5.20E+00	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.07	4.33E-01	4.40E+00	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.17	3.60E-01	3.11E+00	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.464	3.47E-01	3.83E+00	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.689	—	1.90E+00	—	pCi/L	U	U	495S	GW25-02-0001	GEL
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.31	4.67E-01	3.50E+00	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.13	2.04E-01	2.46E+00	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0144	4.33E-01	4.40E+00	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.41	4.00E-01	3.10E+00	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC

Table C-2 Water Canyon 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
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.22	3.53E-01	4.17E+00	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.917	2.78E-01	2.90E+00	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.255	—	1.60E+00	—	pCi/L	U	U	495S	GW25-02-0001	GEL
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.45	1.61E-01	1.68E+00	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.613	1.83E-01	2.00E+00	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.574	1.14E-01	1.24E+00	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.205	1.10E-01	1.08E+00	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	08/13/01	WG	UF	CS	—	Rad	Gross Alpha	Gross alpha	<	1.6	2.33E-01	2.10E+00	—	pCi/L	U	U	9577R	GW25-01-0017	PARA
R-25	932	754.8	05/03/01	WG	UF	CS	—	Rad	Gross Alpha	Gross alpha	<	1.5	2.17E-01	2.10E+00	—	pCi/L	U	U	8740R	GW25-01-0001	PARA
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.98	2.14E-01	2.39E+00	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.59	2.43E-01	2.20E+00	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.38	2.33E-01	2.59E+00	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.05	2.27E-01	2.24E+00	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.15	—	9.20E-01	—	pCi/L	—	—	495S	GW25-02-0001	GEL
R-25	932	754.8	08/13/01	WG	UF	CS	—	Rad	Gross Beta	Gross beta	<	0.8	2.33E-01	2.30E+00	—	pCi/L	U	U	9577R	GW25-01-0017	PARA
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12.8	5.67E+00	2.10E+01	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	79	2.21E+01	2.48E+02	—	pCi/L	U	U, J-	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	46.7	5.00E+00	2.10E+01	—	pCi/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.3	8.33E+00	4.40E+01	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	77.6	2.85E+01	3.19E+02	—	pCi/L	U	U, J-	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62.3	2.39E+01	3.37E+02	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64.3	—	1.90E+02	—	pCi/L	U	U	495S	GW25-02-0001	GEL
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.17	3.00E+00	3.10E+01	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.27	1.78E+00	1.86E+01	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	11/14/00	WG	F	CS	—	Rad	Gamma Spec	Neptunium-237	<	-1	2.83E+00	1.50E+01	—	pCi/L	U	U	7999R	GWCV-00-0004	PARA
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.371	1.07E+00	1.00E+01	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.69	3.23E+00	3.40E+01	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.04	2.67E+00	2.77E+01	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.79	3.50E+00	2.56E+01	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	11/14/00	WG	UF	CS	—	Rad	Gamma Spec	Neptunium-237	<	0	2.17E+00	1.10E+01	—	pCi/L	U	U	7999R	GWCV-00-0003	PARA
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0051	1.27E-03	2.60E-02	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0166	3.20E-03	5.70E-02	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	11/14/00	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.039	6.83E-03	5.10E-02	—	pCi/L	U	U	7999R	GWCV-00-0004	PARA
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.33E-04	1.80E-02	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.17E-03	2.70E-02	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0026	2.29E-03	5.40E-02	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	0.018	4.93E-03	4.00E-02	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	11/14/00	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.02	4.67E-03	4.80E-02	—	pCi/L	U	U	7999R	GWCV-00-0003	PARA
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0034	8.00E-04	2.90E-02	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0083	4.60E-03	4.80E-02	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	11/14/00	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.01	4.67E-03	2.80E-02	—	pCi/L	U	U	7999R	GWCV-00-0004	PARA
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00478	9.33E-04	3.10E-02	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00526	1.77E-03	3.00E-02	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00519	3.24E-03	4.50E-02	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0.0206	4.03E-03	4.10E-02	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	11/14/00	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.008	3.67E-03	2.20E-02	—	pCi/L	U	U	7999R	GWCV-00-0003	PARA
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28.3	6.67E+00	7.90E+01	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.26	3.87E+00	2.10E+01	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.2	7.00E+00	6.90E+01	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	43.8	6.67E+00	7.90E+01	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.7	3.87E+00	4.44E+01	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.7	6.17E+00	4.20E+01	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.8	—	1.50E+01	—	pCi/L	U	U	495S	GW25-02-0001	GEL
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.58	4.33E-01	4.00E+00	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.2	2.22E-01	2.42E+00	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.23	4.33E-01	4.70E+00	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.332	4.00E-01	3.60E+00	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC

Table C-2 Water Canyon 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
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.263	2.94E-01	3.24E+00	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.28	3.33E-01	3.67E+00	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.567	—	1.80E+00	—	pCi/L	U	U	495S	GW25-02-0001	GEL
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0426	4.33E-02	4.80E-01	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.148	3.63E-02	3.75E-01	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	11/14/00	WG	F	CS	—	Rad	Beta Counting	Strontium-90	<	0.7	2.83E-01	2.80E+00	—	pCi/L	—	U	7999R	GWCV-00-0004	PARA
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.255	5.00E-02	4.70E-01	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0252	4.33E-02	4.90E-01	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0922	2.48E-02	2.58E-01	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	0.183	2.89E-02	3.14E-01	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	11/14/00	WG	UF	CS	—	Rad	Beta Counting	Strontium-90	<	1.4	3.17E-01	3.10E+00	—	pCi/L	—	U	7999R	GWCV-00-0003	PARA
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.429	1.23E-02	6.00E-02	—	pCi/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.466	1.50E-02	9.70E-02	—	pCi/L	—	JN+	142482	GF0508G25R101	GELC
R-25	932	754.8	02/04/02	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.519	—	5.40E-02	—	pCi/L	—	—	495S	GW25-02-0002	GEL
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.391	1.47E-02	7.40E-02	—	pCi/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.475	1.43E-02	6.90E-02	—	pCi/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.476	1.70E-02	1.25E-01	—	pCi/L	—	JN+	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	<	0.0521	3.93E-03	6.10E-02	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.751	—	5.70E-02	—	pCi/L	—	—	495S	GW25-02-0001	GEL
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0297	3.67E-03	3.10E-02	—	pCi/L	U	U	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0353	4.73E-03	7.30E-02	—	pCi/L	U	U	142482	GF0508G25R101	GELC
R-25	932	754.8	02/04/02	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00509	—	3.10E-02	—	pCi/L	U	U	495S	GW25-02-0002	GEL
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00685	3.67E-03	3.80E-02	—	pCi/L	U	U	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0169	2.93E-03	3.60E-02	—	pCi/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0862	7.13E-03	9.40E-02	—	pCi/L	U	U	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.00426	1.74E-03	4.00E-02	—	pCi/L	U	U	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.043	—	4.10E-02	—	pCi/L	—	U	495S	GW25-02-0001	GEL
R-25	932	754.8	10/22/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.297	9.67E-03	3.30E-02	—	pCi/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	754.8	08/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.286	1.17E-02	6.90E-02	—	pCi/L	—	—	142482	GF0508G25R101	GELC
R-25	932	754.8	02/04/02	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.375	—	1.60E-02	—	pCi/L	—	—	495S	GW25-02-0002	GEL
R-25	932	754.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.255	1.10E-02	3.30E-02	—	pCi/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.303	1.00E-02	3.80E-02	—	pCi/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	08/02/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.291	1.28E-02	8.90E-02	—	pCi/L	—	—	142482	GU0508G25R101	GELC
R-25	932	754.8	09/01/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.0501	3.53E-03	4.30E-02	—	pCi/L	—	J	120735	GU0408G25R101	GELC
R-25	932	754.8	02/04/02	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.413	—	3.30E-02	—	pCi/L	—	—	495S	GW25-02-0001	GEL
R-25	932	754.8	10/22/08	WG	UF	CS	—	Svoa	SW-846:8270C	Dinitrotoluene[2,4-]	<	13.2	—	—	2.60E+00	ug/L	U	U	09-169	CAWA-08-16016	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Butanol[1-]	—	157	—	—	1.50E+01	ug/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Voa	SW-846:8260B	Butanol[1-]	<	50	—	—	1.30E+01	ug/L	U	R	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanol[1-]	<	50	—	—	1.30E+01	ug/L	U	R	09-169	CAWA-08-16016	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	0.4	—	—	2.50E-01	ug/L	J	J	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	0.33	—	—	2.50E-01	ug/L	J	J	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	0.541	—	—	2.50E-01	ug/L	J	J	09-169	CAWA-08-16016	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	0.68	—	—	3.00E-01	ug/L	J	J	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	<	1	—	—	4.50E-01	ug/L	U	U	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.62	—	—	4.50E-01	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	754.8	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.64	—	—	2.50E-01	ug/L	J	J	10-4683	CAWA-10-25800	GELC
R-25	932	754.8	03/31/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.421	—	—	2.50E-01	ug/L	J	J	09-1338	CAWA-09-5594	GELC
R-25	932	754.8	10/22/08	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.2	—	—	2.50E-01	ug/L	—	—	09-169	CAWA-08-16016	GELC
R-25	982	891.8	09/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0866	—	—	5.00E-02	ug/L	J	J+	10-4684	CAWA-10-25812	GELC
R-25	982	891.8	04/06/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.168	—	—	5.00E-02	ug/L	J	J	10-2685	CAWA-10-15243	GELC
R-25	982	891.8	10/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0649	—	—	5.00E-02	ug/L	J	J	10-170	CAWA-09-14197	GELC
R-25	982	891.8	08/03/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.138	—	—	5.00E-02	ug/L	J	—	142609	GF0508G25R201	GELC
R-25	982	891.8	08/03/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	142609	GF0508G25R201	GELC
R-25	982	891.8	12/10/03	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	103685	GU0312G25R201	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	1.07	—	—	1.00E-01	ug/L	—	—	10-4683	CAWA-10-25814	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.29	—	—	1.00E-01	ug/L	J	J	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.289	—	—	1.00E-01	ug/L	J	J	10-170	CAWA-09-14195	GELC

Table C-2 Water Canyon 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
R-25	982	891.8	04/01/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.249	—	—	1.30E-01	ug/L	J	J	09-1355	CAWA-09-5632	GELC
R-25	982	891.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	1.06	—	—	1.30E-01	ug/L	—	—	09-159	CAWA-08-16048	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.504	—	—	1.00E-01	ug/L	—	—	10-4683	CAWA-10-25814	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.106	—	—	1.00E-01	ug/L	J	J	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.107	—	—	1.00E-01	ug/L	J	J	10-170	CAWA-09-14195	GELC
R-25	982	891.8	04/01/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	1.20E-01	ug/L	U	U	09-1355	CAWA-09-5632	GELC
R-25	982	891.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.588	—	—	1.20E-01	ug/L	—	J	09-159	CAWA-08-16048	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	4.98	—	—	1.00E-01	ug/L	—	J	10-4683	CAWA-10-25814	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	3.15	—	—	1.00E-01	ug/L	—	J	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	3.14	—	—	1.00E-01	ug/L	—	—	10-170	CAWA-09-14195	GELC
R-25	982	891.8	04/01/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	3.17	—	—	1.00E-01	ug/L	—	—	09-1355	CAWA-09-5632	GELC
R-25	982	891.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	6.71	—	—	1.00E-01	ug/L	—	J	09-159	CAWA-08-16048	GELC
R-25	982	891.8	09/21/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	18.5	—	—	2.60E-01	ug/L	—	J	10-4683	CAWA-10-25814	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	8.77	—	—	1.00E-01	ug/L	—	J	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	7.57	—	—	1.00E-01	ug/L	—	J	10-170	CAWA-09-14195	GELC
R-25	982	891.8	04/01/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	7.74	—	—	1.30E-01	ug/L	—	—	09-1355	CAWA-09-5632	GELC
R-25	982	891.8	10/22/08	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	25.7	—	—	6.50E-01	ug/L	—	J	09-159	CAWA-08-16048	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.19	—	—	8.20E-02	ug/L	J	J	10-4682	CAWA-10-25814	STSL
R-25	982	891.8	04/06/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	10-2684	CAWA-10-15241	STSL
R-25	982	891.8	10/16/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	10-169	CAWA-09-14195	STSL
R-25	982	891.8	04/01/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	09-1354	CAWA-09-5632	STSL
R-25	982	891.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	09-158	CAWA-08-16048	STSL
R-25	982	891.8	09/21/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.182	—	—	1.00E-01	ug/L	J	J	10-4683	CAWA-10-25814	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	<	0.325	—	—	1.00E-01	ug/L	U	U	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	<	0.325	—	—	1.00E-01	ug/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	04/01/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	<	0.325	—	—	1.00E-01	ug/L	U	U	09-1355	CAWA-09-5632	GELC
R-25	982	891.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	<	0.325	—	—	1.00E-01	ug/L	U	U	09-158	CAWA-08-16048	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	0.154	—	—	1.00E-01	ug/L	J	J	10-4683	CAWA-10-25814	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	<	0.325	—	—	1.00E-01	ug/L	U	U	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	<	0.325	—	—	1.00E-01	ug/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	04/01/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	<	0.325	—	—	7.80E-02	ug/L	U	U	09-1355	CAWA-09-5632	GELC
R-25	982	891.8	10/22/08	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	0.162	—	—	7.80E-02	ug/L	J	J	09-159	CAWA-08-16048	GELC
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00369	3.04E-03	4.10E-02	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.008	3.67E-03	2.20E-02	—	pCi/L	U	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	Gamma Spec	Americium-241	<	0	2.83E+00	1.40E+01	—	pCi/L	U	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00778	1.30E-03	4.60E-02	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00236	1.07E-03	3.30E-02	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0063	1.46E-03	4.00E-02	—	pCi/L	U	U	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-2.6	—	1.20E+01	—	pCi/L	U	U	503S	GW25-02-0003	GEL
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0115	3.01E-01	3.29E+00	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	Gamma Spec	Cesium-137	<	-0.5	4.33E-01	2.20E+00	—	pCi/L	U	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.347	4.67E-01	4.50E+00	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.495	4.67E-01	4.50E+00	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.788	2.97E-01	3.00E+00	—	pCi/L	U	U	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0899	—	2.30E+00	—	pCi/L	U	U	503S	GW25-02-0003	GEL
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.653	3.12E-01	3.70E+00	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	Gamma Spec	Cobalt-60	<	-0.1	4.83E-01	2.40E+00	—	pCi/L	U	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.49	4.33E-01	4.70E+00	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.579	4.33E-01	4.20E+00	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.9	3.08E-01	3.89E+00	—	pCi/L	U	U	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.36	—	2.50E+00	—	pCi/L	U	U	503S	GW25-02-0003	GEL
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.83	1.55E-01	1.75E+00	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	5.28	4.67E-01	2.10E+00	—	pCi/L	—	—	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.355	2.43E-01	2.90E+00	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.46	1.79E-01	1.88E+00	—	pCi/L	U	U	142609	GU0508G25R201	GELC
R-25	982	891.8	08/14/01	WG	UF	CS	—	Rad	Gross Alpha	Gross alpha	—	3.2	2.00E-01	1.60E+00	—	pCi/L	—	—	9587R	GW25-01-0019	PARA
R-25	982	891.8	05/04/01	WG	UF	CS	—	Rad	Gross Alpha	Gross alpha	—	6.4	2.67E-01	1.70E+00	—	pCi/L	—	—	8745R	GW25-01-0003	PARA

Table C-2 Water Canyon 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
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.924	2.30E-01	2.75E+00	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.41	3.67E-01	2.60E+00	—	pCi/L	—	—	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.69	2.73E-01	2.60E+00	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.92	2.97E-01	3.24E+00	—	pCi/L	—	J	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.02	—	3.40E+00	—	pCi/L	—	—	503S	GW25-02-0003	GEL
R-25	982	891.8	08/14/01	WG	UF	CS	—	Rad	Gross Beta	Gross beta	—	5.3	2.00E-01	1.50E+00	—	pCi/L	—	—	9587R	GW25-01-0019	PARA
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	71.2	4.60E+01	3.17E+02	—	pCi/L	U	U, J-	142609	GF0508G25R201	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	27.5	3.33E+00	2.80E+01	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	31.9	9.67E+00	3.40E+01	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	103	2.24E+01	2.82E+02	—	pCi/L	U	U, J-	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	54	—	1.80E+02	—	pCi/L	U	U	503S	GW25-02-0003	GEL
R-25	982	891.8	08/14/01	WG	UF	CS	—	Rad	Gross Gamma	Gross gamma	—	146	4.33E+00	5.70E+01	—	pCi/L	—	—	9587R	GW25-01-0019	PARA
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.1	2.77E+00	2.83E+01	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	Gamma Spec	Neptunium-237	<	5	3.17E+00	1.60E+01	—	pCi/L	U	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.44	8.33E-01	7.80E+00	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5	4.00E+00	3.60E+01	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.09	2.31E+00	2.26E+01	—	pCi/L	U	U	142609	GU0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	UF	CS	—	Rad	Gamma Spec	Neptunium-237	<	2	2.17E+00	1.10E+01	—	pCi/L	U	U	8016R	GWCV-00-0005	PARA
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00327	5.23E-03	6.80E-02	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.008	3.67E-03	5.90E-02	—	pCi/L	U	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00341	1.13E-03	1.90E-02	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00193	9.00E-04	3.20E-02	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0155	3.43E-03	6.50E-02	—	pCi/L	U	U	142609	GU0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.002	5.33E-03	9.90E-02	—	pCi/L	U	U	8016R	GWCV-00-0005	PARA
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.062	9.07E-03	5.70E-02	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.016	3.83E-03	2.20E-02	—	pCi/L	U	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00341	1.13E-03	3.30E-02	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0116	2.23E-03	3.20E-02	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.059	4.80E-03	5.40E-02	—	pCi/L	—	J	142609	GU0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.044	7.67E-03	6.90E-02	—	pCi/L	U	U	8016R	GWCV-00-0005	PARA
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28.2	3.70E+00	4.67E+01	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	Gamma Spec	Potassium-40	<	40	1.67E+01	4.60E+01	—	pCi/L	U	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.2	5.67E+00	5.30E+01	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.3	5.67E+00	4.80E+01	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	40.2	6.57E+00	2.79E+01	—	pCi/L	UI	R	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.39	—	2.30E+01	—	pCi/L	U	U	503S	GW25-02-0003	GEL
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.231	4.13E-01	3.89E+00	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	Gamma Spec	Sodium-22	<	-0.8	5.00E-01	2.50E+00	—	pCi/L	U	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.396	4.00E-01	3.70E+00	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.8	5.00E-01	5.40E+00	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.336	3.01E-01	3.26E+00	—	pCi/L	U	U	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.527	—	2.30E+00	—	pCi/L	U	U	503S	GW25-02-0003	GEL
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0208	2.21E-02	2.25E-01	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	F	CS	—	Rad	Beta Counting	Strontium-90	<	0	2.83E-01	2.90E+00	—	pCi/L	—	U	8016R	GWCV-00-0006	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0579	4.00E-02	4.40E-01	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0478	4.00E-02	4.70E-01	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0623	2.68E-02	2.75E-01	—	pCi/L	U	U	142609	GU0508G25R201	GELC
R-25	982	891.8	11/15/00	WG	UF	CS	—	Rad	Beta Counting	Strontium-90	<	0.7	3.33E-01	3.40E+00	—	pCi/L	—	U	8016R	GWCV-00-0005	PARA
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0683	7.20E-03	9.90E-02	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.222	—	5.70E-03	—	pCi/L	—	—	503S	GW25-02-0004	GEL
R-25	982	891.8	08/14/01	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.31	2.17E-02	5.50E-02	—	pCi/L	—	—	9587R	GW25-01-0020	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.171	8.33E-03	7.40E-02	—	pCi/L	—	—	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0258	5.00E-03	9.40E-02	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.126	7.20E-03	9.10E-02	—	pCi/L	—	J	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.423	—	3.50E-02	—	pCi/L	—	—	503S	GW25-02-0003	GEL
R-25	982	891.8	08/14/01	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.35	2.50E-02	1.00E-01	—	pCi/L	—	—	9587R	GW25-01-0019	PARA
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00804	3.29E-03	7.50E-02	—	pCi/L	U	U	142609	GF0508G25R201	GELC

Table C-2 Water Canyon 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
R-25	982	891.8	02/05/02	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0381	—	1.60E-02	—	pCi/L	—	—	503S	GW25-02-0004	GEL
R-25	982	891.8	08/14/01	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.026	6.83E-03	6.90E-02	—	pCi/L	U	U	9587R	GW25-01-0020	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.27E-03	3.70E-02	—	pCi/L	U	U	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00646	2.63E-03	4.70E-02	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0259	3.29E-03	6.90E-02	—	pCi/L	U	U	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.012	—	4.10E-02	—	pCi/L	U	U	503S	GW25-02-0003	GEL
R-25	982	891.8	08/14/01	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.021	6.33E-03	6.20E-02	—	pCi/L	U	U	9587R	GW25-01-0019	PARA
R-25	982	891.8	08/03/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0195	4.60E-03	7.00E-02	—	pCi/L	U	U	142609	GF0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.116	—	2.80E-02	—	pCi/L	—	—	503S	GW25-02-0004	GEL
R-25	982	891.8	08/14/01	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.27	2.00E-02	4.50E-02	—	pCi/L	—	—	9587R	GW25-01-0020	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.158	8.33E-03	3.30E-02	—	pCi/L	—	—	10-4684	CAWA-10-25814	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0157	4.33E-03	5.80E-02	—	pCi/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	08/03/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.102	6.80E-03	6.50E-02	—	pCi/L	—	J	142609	GU0508G25R201	GELC
R-25	982	891.8	02/05/02	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.307	—	3.00E-02	—	pCi/L	—	U	503S	GW25-02-0003	GEL
R-25	982	891.8	08/14/01	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.45	2.67E-02	6.20E-02	—	pCi/L	—	—	9587R	GW25-01-0019	PARA
R-25	982	891.8	09/21/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.33	—	—	3.00E-01	ug/L	J	J	10-4683	CAWA-10-25815	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-170	CAWA-09-14195	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	0.67	—	—	2.50E-01	ug/L	J	J	10-4683	CAWA-10-25814	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	0.73	—	—	2.50E-01	ug/L	J	J	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	0.418	—	—	2.50E-01	ug/L	J	J	10-170	CAWA-09-14195	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	0.35	—	—	3.00E-01	ug/L	J	J	10-4683	CAWA-10-25814	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	0.61	—	—	3.00E-01	ug/L	J	J	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	0.417	—	—	3.00E-01	ug/L	J	J	10-170	CAWA-09-14195	GELC
R-25	982	891.8	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.45	—	—	2.50E-01	ug/L	J	J	10-4683	CAWA-10-25814	GELC
R-25	982	891.8	04/06/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.64	—	—	2.50E-01	ug/L	J	J	10-2685	CAWA-10-15241	GELC
R-25	982	891.8	10/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.526	—	—	2.50E-01	ug/L	J	J	10-170	CAWA-09-14195	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.4	—	—	7.30E-01	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	73.6	—	—	7.30E-01	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	73.6	—	—	7.30E-01	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.3	—	—	7.30E-01	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.7	—	—	7.30E-01	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.02	—	—	1.60E-02	mg/L	J	J-	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.131	—	—	1.60E-02	mg/L	—	J	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.106	—	—	1.60E-02	mg/L	—	U	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.071	—	—	1.60E-02	mg/L	—	U	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.7	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.7	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	36.6	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	38.7	—	—	3.00E-02	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.2	—	—	3.00E-02	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.3	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.2	—	—	3.00E-02	mg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	3.00E-02	mg/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.13	—	—	6.60E-02	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	9.24	—	—	6.60E-02	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	11.1	—	—	6.60E-02	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	11.5	—	—	6.60E-02	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.72	—	—	6.60E-02	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0899	—	—	3.30E-02	mg/L	J	J	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.108	—	—	3.30E-02	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.228	—	—	3.30E-02	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.12	—	—	3.30E-02	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.153	—	—	3.30E-02	mg/L	—	—	09-140	CAWA-08-16052	GELC

Table C-2 Water Canyon 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
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.8	—	—	3.50E-01	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	100	—	—	3.50E-01	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	107	—	—	3.50E-01	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	112	—	—	3.50E-01	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.7	—	—	3.50E-01	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.4	—	—	3.50E-01	mg/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.7	—	—	3.50E-01	mg/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.5	—	—	3.50E-01	mg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.7	—	—	3.50E-01	mg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.6	—	—	3.50E-01	mg/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.26	—	—	8.50E-02	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.46	—	—	8.50E-02	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.66	—	—	8.50E-02	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.83	—	—	8.50E-02	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.43	—	—	8.50E-02	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.36	—	—	8.50E-02	mg/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.17	—	—	8.50E-02	mg/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.96	—	—	8.50E-02	mg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.17	—	—	8.50E-02	mg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.23	—	—	8.50E-02	mg/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.93	—	—	5.00E-02	mg/L	—	J	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.25	—	—	5.00E-02	mg/L	U	U	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0585	—	—	5.00E-02	mg/L	J	J	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.355	—	—	5.00E-02	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.23	—	—	1.00E-01	mg/L	—	J-	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.53	—	—	5.00E-02	ug/L	—	J+	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.08	—	—	5.00E-02	ug/L	J	J	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0868	—	—	5.00E-02	ug/L	J	J	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	5.00E-02	ug/L	U	UJ	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.497	—	—	5.00E-02	ug/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.698	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.575	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.401	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.493	—	—	5.00E-02	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.785	—	—	5.00E-02	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.716	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.948	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.655	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.749	—	—	5.00E-02	mg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.752	—	—	5.00E-02	mg/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.71	—	—	1.00E-01	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.24	—	—	1.00E-01	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.68	—	—	1.00E-01	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.99	—	—	4.50E-02	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.89	—	—	1.00E-01	mg/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.68	—	—	1.00E-01	mg/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.06	—	—	1.00E-01	mg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.87	—	—	4.50E-02	mg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	4.50E-02	mg/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	220	—	—	1.00E+00	uS/cm	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	245	—	—	1.00E+00	uS/cm	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	249	—	—	1.00E+00	uS/cm	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	180	—	—	1.00E+00	uS/cm	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.6	—	—	1.00E-01	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.8	—	—	1.00E-01	mg/L	—	J+	10-2697	CAWA-10-15185	GELC

Table C-2 Water Canyon 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
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	21.6	—	—	1.00E-01	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	26.5	—	—	1.00E-01	mg/L	—	J-	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.59	—	—	1.00E-01	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.40E+00	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	178	—	—	2.40E+00	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	183	—	—	2.40E+00	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	195	—	—	2.40E+00	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.40E+00	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.875	—	—	3.30E-01	mg/L	J	J	10-4716	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.928	—	—	3.30E-01	mg/L	J	J	10-2696	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.88	—	—	3.30E-01	mg/L	—	—	10-192	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.74	—	—	3.30E-01	mg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.06	—	—	3.30E-01	mg/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.154	—	—	1.50E-02	mg/L	—	J	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.128	—	—	1.50E-02	mg/L	—	U	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.148	—	—	1.50E-02	mg/L	—	U	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.174	—	—	1.50E-02	mg/L	—	U	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.122	—	—	2.40E-02	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.04	—	—	1.00E-02	SU	H	J-	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.14	—	—	1.00E-02	SU	H	J-	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.04	—	—	1.00E-02	SU	H	J-	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	1.00E-02	SU	H	J-	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Hexp	SW-846:8330	DNX	—	0.18	—	—	6.90E-02	ug/L	P	J	10-4714	CAWA-10-25802	STSL
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Hexp	SW-846:8330	DNX	<	0.5	—	—	6.90E-02	ug/L	U	U	10-2694	CAWA-10-15187	STSL
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Hexp	SW-846:8330	DNX	<	0.1	—	—	6.90E-02	ug/L	J	U	10-191	CAWA-09-14157	STSL
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Hexp	SW-846:8330	DNX	—	0.18	—	—	6.90E-02	ug/L	JP	J	09-1337	CAWA-09-5642	STSL
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Hexp	SW-846:8330	DNX	<	0.5	—	—	6.90E-02	ug/L	U	U	09-139	CAWA-08-16050	STSL
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.2	—	—	9.10E-02	ug/L	J	J	10-4714	CAWA-10-25802	STSL
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	U	10-2694	CAWA-10-15187	STSL
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.22	—	—	9.10E-02	ug/L	JP	J	10-191	CAWA-09-14157	STSL
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.13	—	—	9.10E-02	ug/L	J	J	09-1337	CAWA-09-5642	STSL
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	U	09-139	CAWA-08-16050	STSL
R-25	1082	1192.4	09/21/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	20.6	—	—	2.60E-01	ug/L	—	J	10-4716	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	15.9	—	—	2.60E-01	ug/L	—	J	10-2696	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	18.9	—	—	2.60E-01	ug/L	—	—	10-192	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	21.1	—	—	3.30E-01	ug/L	—	J	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	14.4	—	—	3.30E-01	ug/L	—	J	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	10/20/08	WG	UF	RE	—	Hexp	SW-846:8321	RDX	—	16.9	—	—	6.50E-01	ug/L	—	J-	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.13	—	—	8.20E-02	ug/L	J	J	10-4714	CAWA-10-25802	STSL
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	10-2694	CAWA-10-15187	STSL
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.14	—	—	8.20E-02	ug/L	J	J	10-191	CAWA-09-14157	STSL
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Hexp	SW-846:8330	TNX	—	0.12	—	—	8.20E-02	ug/L	J	J	09-1337	CAWA-09-5642	STSL
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Hexp	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	ug/L	U	U	09-139	CAWA-08-16050	STSL
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.7	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.4	—	—	1.00E+00	ug/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.3	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.1	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.3	—	—	1.00E+00	ug/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27	—	—	1.50E+01	ug/L	J	J	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.6	—	—	1.50E+01	ug/L	J	J	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.6	—	—	1.50E+01	ug/L	J	J	10-193	CAWA-09-14154	GELC

Table C-2 Water Canyon 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
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26.4	—	—	1.00E+01	ug/L	J	J	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.8	—	—	1.00E+01	ug/L	J	J	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.7	—	—	1.50E+01	ug/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.4	—	—	1.50E+01	ug/L	J	J	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.2	—	—	1.50E+01	ug/L	J	J	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	25.7	—	—	1.00E+01	ug/L	J	J	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.3	—	—	1.00E+01	ug/L	J	J	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.93	—	—	2.50E+00	ug/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.21	—	—	1.50E+00	ug/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	1.50E+00	ug/L	J	J	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	39.7	—	—	2.00E+00	ug/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	51.7	—	—	2.00E+00	ug/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	48.1	—	—	2.00E+00	ug/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2	—	—	2.00E+00	ug/L	J	J	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.45	—	—	2.00E+00	ug/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.05	—	—	2.00E+00	ug/L	J	J	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.91	—	—	2.00E+00	ug/L	J	J	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.38	—	—	2.00E+00	ug/L	J	J	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.37	—	—	1.00E-01	ug/L	J	J	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.577	—	—	1.00E-01	ug/L	—	U	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.579	—	—	1.00E-01	ug/L	—	U	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.536	—	—	1.00E-01	ug/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.39	—	—	1.00E-01	ug/L	J	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.405	—	—	1.00E-01	ug/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.623	—	—	1.00E-01	ug/L	—	U	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.546	—	—	1.00E-01	ug/L	—	U	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.689	—	—	1.00E-01	ug/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.49	—	—	1.00E-01	ug/L	J	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.8	—	—	5.00E-01	ug/L	J	J	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.42	—	—	5.00E-01	ug/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	11	—	—	5.00E-01	ug/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.54	—	—	5.00E-01	ug/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	5.00E-01	ug/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.74	—	—	5.00E-01	ug/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.36	—	—	5.00E-01	ug/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.13	—	—	5.00E-01	ug/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53	—	—	5.30E-02	mg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.9	—	—	5.30E-02	mg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.9	—	—	5.30E-02	mg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.3	—	—	3.20E-02	mg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.7	—	—	3.20E-02	mg/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	137	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1.00E+00	ug/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15187	GELC

Table C-2 Water Canyon 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
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	ug/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1.00E+00	ug/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.812	—	—	5.00E-02	ug/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.449	—	—	5.00E-02	ug/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.44	—	—	5.00E-02	ug/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.422	—	—	5.00E-02	ug/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	5.00E-02	ug/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.828	—	—	5.00E-02	ug/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.587	—	—	5.00E-02	ug/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.578	—	—	5.00E-02	ug/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.59	—	—	5.00E-02	ug/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.68	—	—	5.00E-02	ug/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.01	—	—	1.00E+00	ug/L	J	J	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1.00E+00	ug/L	J	J	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.02	—	—	1.00E+00	ug/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.53	—	—	1.00E+00	ug/L	J	J	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1.00E+00	ug/L	J	J	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.9	—	—	1.00E+00	ug/L	J	J	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.5	—	—	3.30E+00	ug/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	20.1	—	—	3.30E+00	ug/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	11.1	—	—	2.00E+00	ug/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.4	—	—	2.00E+00	ug/L	J	J	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.33	—	—	3.30E+00	ug/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.55	—	—	3.30E+00	ug/L	J	J	10-2697	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.1	—	—	3.30E+00	ug/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.88	—	—	2.00E+00	ug/L	J	J	09-1338	CAWA-09-5642	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.7	—	—	2.00E+00	ug/L	J	J	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00392	4.00E-03	3.20E-02	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00435	1.38E-03	1.70E-02	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0123	3.70E-03	2.70E-02	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	1.43E-03	4.20E-02	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00236	1.07E-03	3.30E-02	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00174	4.00E-03	3.10E-02	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.005	2.27E-03	2.68E-02	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0069	3.10E-03	3.60E-02	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.594	4.67E-01	4.30E+00	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.57	3.60E-01	3.23E+00	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.428	2.80E-01	3.14E+00	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.86	4.67E-01	5.10E+00	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0316	2.43E-01	2.40E+00	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.383	4.00E-01	3.80E+00	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.292	3.15E-01	3.17E+00	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.8	3.19E-01	3.55E+00	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.84	5.00E-01	5.30E+00	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.25	4.23E-01	3.89E+00	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.255	3.32E-01	3.79E+00	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.11	5.00E-01	4.60E+00	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.614	2.43E-01	2.50E+00	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.27	4.33E-01	4.10E+00	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.477	3.19E-01	3.29E+00	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.78	3.47E-01	3.99E+00	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.254	9.43E-02	1.04E+00	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.09	1.57E-01	1.67E+00	—	pCi/L	U	U	142820	GF0508G25R401	GELC

Table C-2 Water Canyon 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
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.435	1.80E-01	2.10E+00	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.15	1.53E-01	2.10E+00	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.17	1.84E-01	1.46E+00	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.09	2.47E-01	2.05E+00	—	pCi/L	—	J	142820	GU0508G25R401	GELC
R-25	1082	1192.4	08/15/01	WG	UF	CS	—	Rad	Gross Alpha	Gross alpha	<	1.6	2.00E-01	1.70E+00	—	pCi/L	U	U	9597R	GW25-01-0023	PARA
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.0339	3.19E-01	3.41E+00	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.31	1.95E-01	2.18E+00	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.253	2.00E-01	2.40E+00	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.846	2.70E-01	2.90E+00	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.26	3.19E-01	3.21E+00	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.0316	6.17E-01	6.26E+00	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	02/06/02	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.14	—	2.40E+00	—	pCi/L	U	U	521S	GW25-02-0005	GEL
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	9.73	6.00E+00	2.40E+01	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	85.3	2.76E+01	2.81E+02	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	75.2	2.37E+01	2.49E+02	—	pCi/L	U	J-, U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.5	1.50E+00	7.90E+00	—	pCi/L	—	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	27	5.33E+00	3.20E+01	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12	1.57E+00	1.10E+01	—	pCi/L	—	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.4	2.63E+01	3.20E+02	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	113	3.57E+01	3.06E+02	—	pCi/L	U	J-, U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.56	3.17E+00	3.20E+01	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15	3.23E+00	2.82E+01	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.85	2.21E+00	2.31E+01	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.72	9.00E-01	8.30E+00	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.18	1.73E+00	1.70E+01	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.92	3.03E+00	3.00E+01	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.4	3.14E+00	2.38E+01	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.05	2.54E+00	2.70E+01	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	3.33E-03	3.00E-02	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0039	1.84E-03	2.14E-02	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.00E-03	4.30E-02	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.33E-04	1.80E-02	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0107	3.67E-03	3.50E-02	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00326	2.03E-03	2.50E-02	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.011	2.44E-03	2.42E-02	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00368	2.88E-03	3.80E-02	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00589	1.97E-03	3.40E-02	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00195	1.45E-03	1.42E-02	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0125	3.40E-03	3.70E-02	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00159	5.33E-04	3.10E-02	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	5.08E-10	2.00E-03	3.50E-02	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00163	9.33E-04	2.80E-02	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00661	1.64E-03	1.61E-02	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00368	2.12E-03	3.20E-02	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.8	6.00E+00	6.70E+01	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.5	5.47E+00	4.63E+01	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.6	3.40E+00	4.58E+01	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.1	6.67E+00	7.10E+01	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	28.7	4.33E+00	2.40E+01	—	pCi/L	—	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.5	5.00E+00	4.60E+01	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	17.7	7.77E+00	3.71E+01	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	36.3	7.23E+00	3.35E+01	—	pCi/L	UI	R	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.778	4.33E-01	3.80E+00	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.45	3.73E-01	3.30E+00	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.602	3.13E-01	3.37E+00	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.376	4.67E-01	4.50E+00	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.585	2.47E-01	2.30E+00	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC

Table C-2 Water Canyon 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
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.19	4.00E-01	3.80E+00	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.65	3.77E-01	3.42E+00	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.957	3.09E-01	3.20E+00	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0101	3.30E-02	3.60E-01	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0361	4.07E-02	4.22E-01	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00996	2.54E-02	2.57E-01	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0141	4.33E-02	4.70E-01	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.403	4.67E-02	5.00E-01	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.077	3.10E-02	3.60E-01	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.143	3.90E-02	4.16E-01	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0792	2.59E-02	2.67E-01	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.38	1.70E-02	1.60E-01	—	pCi/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.376	1.29E-02	5.18E-02	—	pCi/L	—	—	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.365	1.33E-02	9.50E-02	—	pCi/L	—	—	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.32	1.23E-02	7.20E-02	—	pCi/L	—	—	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.303	1.57E-02	1.50E-01	—	pCi/L	—	—	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.328	1.13E-02	7.60E-02	—	pCi/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.408	1.52E-02	7.80E-02	—	pCi/L	—	—	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.733	1.88E-02	7.30E-02	—	pCi/L	—	—	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0174	4.33E-03	8.60E-02	—	pCi/L	U	U	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0362	3.83E-03	5.29E-02	—	pCi/L	U	U	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0231	3.67E-03	7.20E-02	—	pCi/L	U	U	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0299	3.33E-03	3.60E-02	—	pCi/L	U	U	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00525	5.67E-03	7.70E-02	—	pCi/L	U	U	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0297	3.03E-03	4.00E-02	—	pCi/L	U	U	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0545	5.33E-03	7.96E-02	—	pCi/L	U	U	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00296	5.30E-03	5.50E-02	—	pCi/L	U	U	142820	GU0508G25R401	GELC
R-25	1082	1192.4	10/20/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.15	1.10E-02	8.70E-02	—	pCi/L	—	—	09-140	CAWA-08-16052	GELC
R-25	1082	1192.4	02/05/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.212	1.03E-02	3.67E-02	—	pCi/L	—	—	180420	GF07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.293	1.14E-02	6.70E-02	—	pCi/L	—	—	142820	GF0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.183	8.67E-03	3.20E-02	—	pCi/L	—	—	10-4718	CAWA-10-25802	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.187	1.17E-02	9.40E-02	—	pCi/L	—	—	10-194	CAWA-09-14157	GELC
R-25	1082	1192.4	10/20/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.229	8.67E-03	4.00E-02	—	pCi/L	—	—	09-140	CAWA-08-16050	GELC
R-25	1082	1192.4	02/05/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.228	1.07E-02	5.52E-02	—	pCi/L	—	—	180420	GU07010G25R401	GELC
R-25	1082	1192.4	08/04/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.455	1.41E-02	5.20E-02	—	pCi/L	—	—	142820	GU0508G25R401	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.54	—	—	3.00E-01	ug/L	J	J	10-4716	CAWA-10-25803	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-2696	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-192	CAWA-09-14157	GELC
R-25	1082	1192.4	09/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	1.06	—	—	2.50E-01	ug/L	—	—	10-4716	CAWA-10-25802	GELC
R-25	1082	1192.4	04/07/10	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	1.11	—	—	2.50E-01	ug/L	—	—	10-2696	CAWA-10-15187	GELC
R-25	1082	1192.4	10/19/09	WG	UF	CS	—	Voa	SW-846:8260B	Methyl tert-Butyl Ether	—	0.725	—	—	2.50E-01	ug/L	J	J	10-192	CAWA-09-14157	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	87	—	—	7.30E-01	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	87.7	—	—	7.30E-01	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.3	—	—	7.30E-01	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.5	—	—	7.30E-01	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.9	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.3	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.5	—	—	3.00E-02	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.4	—	—	3.00E-02	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.1	—	—	3.00E-02	mg/L	—	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.4	—	—	3.00E-02	mg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.8	—	—	3.00E-02	mg/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.75	—	—	6.60E-02	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.67	—	—	6.60E-02	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.64	—	—	6.60E-02	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.64	—	—	6.60E-02	mg/L	—	—	08-913	CAWA-08-11715	GELC

Table C-2 Water Canyon 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
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.111	—	—	3.30E-02	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.121	—	—	3.30E-02	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.139	—	—	3.30E-02	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.112	—	—	3.30E-02	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.8	—	—	3.50E-01	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	81.4	—	—	3.50E-01	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.9	—	—	3.50E-01	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.9	—	—	4.30E-01	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.6	—	—	4.25E-01	mg/L	—	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.7	—	—	3.50E-01	mg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	81	—	—	4.30E-01	mg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.7	—	—	4.25E-01	mg/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.3	—	—	8.50E-02	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.42	—	—	8.50E-02	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.33	—	—	8.50E-02	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.23	—	—	8.50E-02	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.35	—	—	8.50E-02	mg/L	—	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	8.50E-02	mg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.26	—	—	8.50E-02	mg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.29	—	—	8.50E-02	mg/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.07	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.13	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.07	—	—	5.00E-02	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.16	—	—	5.00E-02	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.12	—	—	5.00E-02	mg/L	—	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.811	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.16	—	—	5.00E-02	mg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.12	—	—	5.00E-02	mg/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	1.00E-01	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	4.50E-02	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	4.50E-02	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	4.50E-02	mg/L	—	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.07	—	—	1.00E-01	mg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	4.50E-02	mg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	4.50E-02	mg/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	217	—	—	1.00E+00	uS/cm	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	uS/cm	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1.00E+00	uS/cm	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.1	—	—	1.00E-01	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.1	—	—	1.00E-01	mg/L	—	J+	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.7	—	—	1.00E-01	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.9	—	—	1.00E-01	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.40E+00	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	159	—	—	2.40E+00	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	167	—	—	2.40E+00	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.39	—	—	3.30E-01	mg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.5	—	—	3.30E-01	mg/L	—	J-	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.22	—	—	3.30E-01	mg/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	12/09/03	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.3	—	—	2.50E-02	mg/L	—	—	103507	GU0312G25R501	GELC
R-25	1132	1303.4	08/09/02	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.91	—	—	2.50E-02	mg/L	—	—	65250	GU0208G25R501	GELC
R-25	1132	1303.4	08/09/02	WG	UF	DUP	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.75	—	—	2.50E-02	mg/L	—	—	66022	GU0208G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.05	—	—	1.50E-02	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.12	—	—	1.50E-02	mg/L	—	J	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.45	—	—	2.40E-02	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	1.00E-02	SU	H	J-	10-4722	CAWA-10-25844	GELC

Table C-2 Water Canyon 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
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J-	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.62	—	—	1.00E-02	SU	H	J-	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.235	—	—	1.00E-01	ug/L	J	J	10-4721	CAWA-10-25846	GELC
R-25	1132	1303.4	04/07/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.151	—	—	1.00E-01	ug/L	J	J	10-2696	CAWA-10-15214	GELC
R-25	1132	1303.4	10/21/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.218	—	—	1.00E-01	ug/L	J	J	10-231	CAWA-09-14178	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.269	—	—	1.00E-01	ug/L	J	J	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.245	—	—	1.00E-01	ug/L	J	J	10-4721	CAWA-10-25846	GELC
R-25	1132	1303.4	04/07/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.132	—	—	1.00E-01	ug/L	J	J	10-2696	CAWA-10-15214	GELC
R-25	1132	1303.4	10/21/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.131	—	—	1.00E-01	ug/L	J	J	10-231	CAWA-09-14178	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Hexp	SW-846:8321	RDX	<	0.325	—	—	1.30E-01	ug/L	U	U	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	221	—	—	6.80E+01	ug/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.71	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.95	—	—	1.00E+00	ug/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.5	—	—	1.00E+00	ug/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.8	—	—	1.00E+00	ug/L	—	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.7	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.5	—	—	1.00E+00	ug/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10	—	—	1.00E+00	ug/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	42.9	—	—	1.50E+01	ug/L	J	J	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	49.7	—	—	1.50E+01	ug/L	J	J	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	53.7	—	—	1.00E+01	ug/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	55.4	—	—	1.00E+01	ug/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	52.1	—	—	1.00E+01	ug/L	—	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	58.7	—	—	1.00E+01	ug/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	54.9	—	—	1.00E+01	ug/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.89	—	—	1.50E+00	ug/L	J	J	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1.3	—	—	1.00E+00	ug/L	J	U	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	11.5	—	—	2.50E+00	ug/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.4	—	—	1.00E+00	ug/L	—	U	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.48	—	—	2.00E+00	ug/L	J	J	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.89	—	—	2.00E+00	ug/L	J	J	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.21	—	—	2.00E+00	ug/L	J	J	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2.00E+00	ug/L	J	J	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.1	—	—	2.00E+00	ug/L	J	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.8	—	—	2.00E+00	ug/L	J	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Metals	EPA:245.2	Mercury	—	0.124	—	—	6.60E-02	ug/L	J	J	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	3.00E-02	ug/L	U	U	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Metals	EPA:245.2	Mercury	—	1.81	—	—	6.60E-02	ug/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	3.00E-02	ug/L	U	U	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.03	—	—	3.00E-02	ug/L	U	UJ	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.13	—	—	1.00E-01	ug/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.76	—	—	1.00E-01	ug/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.82	—	—	1.00E-01	ug/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.5	—	—	1.00E-01	ug/L	—	—	08-913	CAWA-08-11715	GELC

Table C-2 Water Canyon 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
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.7	—	—	2.00E+00	ug/L	J	JN-	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.8	—	—	1.00E-01	ug/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.8	—	—	1.00E-01	ug/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	5	—	—	2.00E+00	ug/L	J	JN-	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.46	—	—	5.00E-01	ug/L	J	J	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.79	—	—	5.00E-01	ug/L	J	J	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.84	—	—	5.00E-01	ug/L	J	J	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.37	—	—	5.00E-01	ug/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	5.00E-01	ug/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.6	—	—	5.00E-01	ug/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.8	—	—	5.30E-02	mg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.9	—	—	5.30E-02	mg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.9	—	—	3.20E-02	mg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52	—	—	3.20E-02	mg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	174	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1.00E+00	ug/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	185	—	—	1.00E+00	ug/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	180	—	—	1.00E+00	ug/L	—	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.4	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	185	—	—	1.00E+00	ug/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	181	—	—	1.00E+00	ug/L	—	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-2697	CAWA-10-15215	GELC
R-25	1132	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-1429	CAWA-09-5671	GELC
R-25	1132	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.6	—	—	1.00E+00	ug/L	J	U	08-913	CAWA-08-11715	GELC
R-25	1132	1303.4	10/17/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	196171	GF07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.81	—	—	1.00E+00	ug/L	J	J	10-4722	CAWA-10-25846	GELC
R-25	1132	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.6	—	—	1.00E+00	ug/L	J	U	08-913	CAWA-08-11714	GELC
R-25	1132	1303.4	10/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	196171	GU07100G25R501	GELC
R-25	1132	1303.4	09/23/10	WG	UF	CS	—	Svoa	SW-846:8270C	Benzoic Acid	—	19.8	—	—	7.10E+00	ug/L	J	J	10-4721	CAWA-10-25846	GELC
R-25	1132	1303.4	08/09/05	WG	UF	CS	—	Svoa	SW-846:8270C	Benzoic Acid	<	21	—	—	—	ug/L	U	UJ	143033	GU0508G25R501	GELC
R-25	1132	1303.4	08/31/04	WG	UF	CS	—	Svoa	SW-846:8270	Benzoic Acid	<	21.3	—	—	—	ug/L	U	—	120522	GU0408G25R501	GELC
R-25	1132	1303.4	12/09/03	WG	UF	CS	—	Svoa	SW-846:8270	Benzoic Acid	<	20.6	—	—	—	ug/L	U	R	103507	GU0312G25R501	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.4	—	—	7.30E-01	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.1	—	—	7.30E-01	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.2	—	—	7.30E-01	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.5	—	—	7.30E-01	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.2	—	—	7.30E-01	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.5	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.2	—	—	3.00E-02	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	3.00E-02	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.82	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.1	—	—	3.00E-02	mg/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	3.00E-02	mg/L	—	—	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.24	—	—	6.60E-02	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.22	—	—	6.60E-02	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.17	—	—	6.60E-02	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.23	—	—	6.60E-02	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.28	—	—	6.60E-02	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0764	—	—	3.30E-02	mg/L	J	J	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0837	—	—	3.30E-02	mg/L	J	J	10-2709	CAWA-10-15192	GELC

Table C-2 Water Canyon 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
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	3.30E-02	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.09	—	—	3.30E-02	mg/L	J	J	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.101	—	—	3.30E-02	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.9	—	—	3.50E-01	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.4	—	—	3.50E-01	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.6	—	—	3.50E-01	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.5	—	—	3.50E-01	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.6	—	—	3.50E-01	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.6	—	—	3.50E-01	mg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.6	—	—	3.50E-01	mg/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53	—	—	3.50E-01	mg/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.1	—	—	3.50E-01	mg/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.1	—	—	3.50E-01	mg/L	—	—	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.55	—	—	8.50E-02	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.66	—	—	8.50E-02	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.63	—	—	8.50E-02	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	8.50E-02	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.28	—	—	8.50E-02	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	8.50E-02	mg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.92	—	—	8.50E-02	mg/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.55	—	—	8.50E-02	mg/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.5	—	—	8.50E-02	mg/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	8.50E-02	mg/L	—	—	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.829	—	—	1.00E-01	mg/L	—	J	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.343	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.347	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.322	—	—	5.00E-02	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.318	—	—	5.00E-02	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	5.00E-02	ug/L	—	J+	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.209	—	—	5.00E-02	ug/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	5.00E-02	ug/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.221	—	—	5.00E-02	ug/L	—	J	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	5.00E-02	ug/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.835	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.884	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.827	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.93	—	—	5.00E-02	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.882	—	—	5.00E-02	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.23	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.979	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.827	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.904	—	—	5.00E-02	mg/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.886	—	—	5.00E-02	mg/L	—	—	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.1	—	—	1.00E-01	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.41	—	—	1.00E-01	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.09	—	—	1.00E-01	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.31	—	—	4.50E-02	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.89	—	—	4.50E-02	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	1.00E-01	mg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.19	—	—	1.00E-01	mg/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.24	—	—	1.00E-01	mg/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.25	—	—	4.50E-02	mg/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.88	—	—	4.50E-02	mg/L	—	—	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	136	—	—	1.00E+00	uS/cm	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	uS/cm	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	133	—	—	1.00E+00	uS/cm	—	—	09-1372	CAWA-09-5647	GELC

Table C-2 Water Canyon 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
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	uS/cm	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.81	—	—	1.00E-01	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.82	—	—	1.00E-01	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.61	—	—	1.00E-01	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.67	—	—	1.00E-01	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.77	—	—	1.00E-01	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	114	—	—	2.40E+00	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	113	—	—	2.40E+00	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	116	—	—	2.40E+00	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	J	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.646	—	—	3.30E-01	mg/L	J	J	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.662	—	—	3.30E-01	mg/L	J	J	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.771	—	—	3.30E-01	mg/L	J	J	10-192	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.55	—	—	3.30E-01	mg/L	—	—	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.719	—	—	1.50E-02	mg/L	—	J	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.751	—	—	1.50E-02	mg/L	—	J	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.778	—	—	1.50E-02	mg/L	—	J	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.304	—	—	1.50E-02	mg/L	—	J	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.861	—	—	2.40E-02	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	1.00E-02	SU	H	J-	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	1.00E-02	SU	H	J-	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.111	—	—	1.00E-01	ug/L	J	J	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	<	0.325	—	—	1.00E-01	ug/L	U	U	10-2710	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	<	0.325	—	—	1.00E-01	ug/L	U	UJ	10-192	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	<	0.325	—	—	1.00E-01	ug/L	U	U	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.142	—	—	1.00E-01	ug/L	J	J	09-124	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.347	—	—	1.00E-01	ug/L	—	J	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.372	—	—	1.00E-01	ug/L	—	J	10-2710	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.322	—	—	1.00E-01	ug/L	J	J	10-192	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.378	—	—	1.30E-01	ug/L	—	J	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.524	—	—	1.30E-01	ug/L	—	—	09-124	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	44	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.5	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.4	—	—	1.00E+00	ug/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.2	—	—	1.00E+00	ug/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.7	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	47.4	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.7	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.4	—	—	1.00E+00	ug/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.5	—	—	1.00E+00	ug/L	—	—	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.91	—	—	2.50E+00	ug/L	J	J	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.04	—	—	1.50E+00	ug/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.16	—	—	2.50E+00	ug/L	J	J	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.81	—	—	1.50E+00	ug/L	J	J	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	UN	UJ	10-2709	CAWA-10-15192	GELC

Table C-2 Water Canyon 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
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	50	—	—	3.00E+01	ug/L	J	U	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	32.7	—	—	2.50E+01	ug/L	J	J	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	107	—	—	3.00E+01	ug/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	UN	UJ	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	56.3	—	—	3.00E+01	ug/L	J	U	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	29.1	—	—	2.50E+01	ug/L	J	J	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	30.8	—	—	2.50E+01	ug/L	J	J	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	28.3	—	—	2.00E+00	ug/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Metals	EPA:245.2	Mercury	—	0.104	—	—	6.60E-02	ug/L	J	J	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.542	—	—	5.00E-01	ug/L	J	J	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.706	—	—	5.00E-01	ug/L	J	J	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.44	—	—	5.00E-01	ug/L	J	J	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.877	—	—	5.00E-01	ug/L	J	J	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.24	—	—	5.00E-01	ug/L	J	J	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.511	—	—	5.00E-01	ug/L	J	J	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.31	—	—	5.00E-01	ug/L	J	J	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.86	—	—	5.00E-01	ug/L	J	J	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56	—	—	5.30E-02	mg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.4	—	—	5.30E-02	mg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.7	—	—	5.30E-02	mg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.8	—	—	3.20E-02	mg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56	—	—	3.20E-02	mg/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.8	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.7	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.4	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	80.1	—	—	1.00E+00	ug/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.1	—	—	1.00E+00	ug/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.2	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.4	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.8	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.9	—	—	1.00E+00	ug/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.3	—	—	1.00E+00	ug/L	—	—	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.682	—	—	5.00E-02	ug/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.564	—	—	5.00E-02	ug/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.595	—	—	5.00E-02	ug/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.636	—	—	5.00E-02	ug/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.63	—	—	5.00E-02	ug/L	—	—	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.687	—	—	5.00E-02	ug/L	—	—	10-4722	CAWA-10-25851	GELC

Table C-2 Water Canyon 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
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.608	—	—	5.00E-02	ug/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.617	—	—	5.00E-02	ug/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.636	—	—	5.00E-02	ug/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.62	—	—	5.00E-02	ug/L	—	—	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.83	—	—	1.00E+00	ug/L	J	J	10-4722	CAWA-10-25849	GELC
R-25	1182	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.41	—	—	1.00E+00	ug/L	J	J	10-2709	CAWA-10-15192	GELC
R-25	1182	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.77	—	—	1.00E+00	ug/L	J	J	10-193	CAWA-09-14179	GELC
R-25	1182	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.21	—	—	1.00E+00	ug/L	J	J	09-1372	CAWA-09-5647	GELC
R-25	1182	1406.3	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	ug/L	J	J	09-122	CAWA-08-16075	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.48	—	—	1.00E+00	ug/L	J	J	10-2709	CAWA-10-15191	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.78	—	—	1.00E+00	ug/L	J	J	10-193	CAWA-09-14180	GELC
R-25	1182	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.57	—	—	1.00E+00	ug/L	J	J	09-1372	CAWA-09-5645	GELC
R-25	1182	1406.3	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	ug/L	J	J	09-122	CAWA-08-16074	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00321	9.30E-04	3.11E-02	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0134	3.63E-03	4.08E-02	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00254	7.33E-04	4.00E-02	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	5.67E-04	3.20E-02	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0075	2.17E-03	3.85E-02	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0122	1.97E-03	1.98E-02	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.936	4.97E-01	4.42E+00	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.677	4.87E-01	4.23E+00	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.65	7.33E-01	8.00E+00	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.566	2.50E-01	2.40E+00	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.362	3.47E-01	3.38E+00	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.12	4.27E-01	3.92E+00	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.882	4.00E-01	3.73E+00	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.886	4.17E-01	3.80E+00	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.24	4.33E-01	4.30E+00	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.191	2.13E-01	2.10E+00	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.27	5.13E-01	3.46E+00	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.695	4.47E-01	4.00E+00	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.563	2.57E-01	2.91E+00	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.742	1.30E-01	1.20E+00	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.87	1.53E-01	2.80E+00	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0651	1.53E-01	2.30E+00	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.03	2.81E-01	2.92E+00	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.599	1.16E-01	1.09E+00	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	05/09/01	WG	UF	CS	—	Rad	Gross Alpha	Gross alpha	<	0.6	1.67E-01	1.70E+00	—	pCi/L	U	U	8799R	GW25-01-0009	PARA
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	-0.368	2.45E-01	2.63E+00	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.92	3.67E-01	3.29E+00	—	pCi/L	—	J	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.93	2.93E-01	2.60E+00	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.136	1.77E-01	2.00E+00	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.09	2.47E-01	2.45E+00	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.26	3.19E-01	2.88E+00	—	pCi/L	—	J	180551	GU07010G25R601	GELC
R-25	1182	1406.3	02/08/02	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.593	1.67E-01	2.20E+00	—	pCi/L	U	U	538S	GW25-02-0009	GEL
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	76.7	2.05E+01	2.46E+02	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	89.8	3.26E+01	2.81E+02	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	22.3	5.67E+00	2.70E+01	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	53.2	7.33E+00	6.50E+01	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.8	2.64E+01	2.82E+02	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	98.9	1.93E+01	3.50E+02	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	02/08/02	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	143	5.00E-01	3.70E+02	—	pCi/L	U	U	538S	GW25-02-0009	GEL
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.16	3.57E+00	3.37E+01	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.53	3.27E+00	3.28E+01	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.244	1.03E+00	1.00E+01	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.45	2.13E+00	1.80E+01	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC

Table C-2 Water Canyon 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
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14	3.10E+00	2.94E+01	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.499	3.57E+00	3.55E+01	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00696	2.32E-03	2.78E-02	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.42E-03	3.31E-02	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00198	1.47E-03	2.20E-02	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00695	1.53E-03	3.80E-02	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0162	2.34E-03	2.88E-02	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.12E-03	2.47E-02	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00174	1.92E-03	3.29E-02	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00905	2.25E-03	2.20E-02	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00593	1.73E-03	3.90E-02	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00231	2.03E-03	3.80E-02	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0018	1.59E-03	3.41E-02	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.009	1.51E-03	1.64E-02	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.6	7.23E+00	6.65E+01	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	30.7	3.20E+00	2.77E+01	—	pCi/L	UI	R	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15	6.33E+00	6.40E+01	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.47	4.00E+00	1.70E+01	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.55	5.90E+00	5.76E+01	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	36.2	5.67E+00	2.72E+01	—	pCi/L	UI	R	180551	GU07010G25R601	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.714	5.33E-01	5.18E+00	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.55	3.67E-01	4.06E+00	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.756	5.00E-01	5.40E+00	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.05	2.37E-01	2.00E+00	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.341	4.60E-01	4.02E+00	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.103	4.03E-01	3.93E+00	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0551	1.54E-02	1.66E-01	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0943	4.67E-02	4.83E-01	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0184	4.33E-02	4.70E-01	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0745	4.00E-02	4.90E-01	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.111	2.34E-02	2.57E-01	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0515	4.20E-02	4.30E-01	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.382	1.26E-02	5.29E-02	—	pCi/L	—	—	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.361	1.19E-02	5.14E-02	—	pCi/L	—	—	180551	GF07010G25R601	GELC
R-25	1182	1406.3	02/08/02	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.42	1.40E-02	2.10E-02	—	pCi/L	—	—	538S	GW25-02-0010	GEL
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.299	1.20E-02	7.20E-02	—	pCi/L	—	—	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.268	1.53E-02	1.70E-01	—	pCi/L	—	J+	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.346	1.20E-02	5.63E-02	—	pCi/L	—	—	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.387	1.31E-02	5.95E-02	—	pCi/L	—	—	180551	GU07010G25R601	GELC
R-25	1182	1406.3	02/08/02	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.446	1.47E-02	3.00E-02	—	pCi/L	—	—	538S	GW25-02-0009	GEL
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00869	2.56E-03	4.10E-02	—	pCi/L	U	U	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0209	3.60E-03	5.24E-02	—	pCi/L	U	U	180551	GF07010G25R601	GELC
R-25	1182	1406.3	02/08/02	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0197	2.13E-03	5.30E-03	—	pCi/L	—	—	538S	GW25-02-0010	GEL
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0167	2.50E-03	3.70E-02	—	pCi/L	U	U	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0114	3.67E-03	8.40E-02	—	pCi/L	U	U	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0246	2.94E-03	4.36E-02	—	pCi/L	U	U	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0208	3.29E-03	6.07E-02	—	pCi/L	U	U	180551	GU07010G25R601	GELC
R-25	1182	1406.3	02/08/02	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0336	3.67E-03	2.60E-02	—	pCi/L	—	—	538S	GW25-02-0009	GEL
R-25	1182	1406.3	10/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.234	9.03E-03	4.63E-02	—	pCi/L	—	—	196433	GF07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.211	8.57E-03	3.64E-02	—	pCi/L	—	—	180551	GF07010G25R601	GELC
R-25	1182	1406.3	02/08/02	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.232	9.00E-03	1.80E-02	—	pCi/L	—	—	538S	GW25-02-0010	GEL
R-25	1182	1406.3	09/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.194	9.00E-03	3.20E-02	—	pCi/L	—	—	10-4721	CAWA-10-25851	GELC
R-25	1182	1406.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.225	1.27E-02	1.00E-01	—	pCi/L	—	J+	10-194	CAWA-09-14180	GELC
R-25	1182	1406.3	10/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.227	9.23E-03	4.93E-02	—	pCi/L	—	—	196433	GU07100G25R601	GELC
R-25	1182	1406.3	02/08/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.202	8.77E-03	4.21E-02	—	pCi/L	—	—	180551	GU07010G25R601	GELC
R-25	1182	1406.3	02/08/02	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.213	9.00E-03	3.10E-02	—	pCi/L	—	—	538S	GW25-02-0009	GEL
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.1	—	—	7.30E-01	mg/L	—	—	10-4757	CAWA-10-25867	GELC

Table C-2 Water Canyon 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
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.7	—	—	7.30E-01	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53	—	—	7.30E-01	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	10/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.8	—	—	7.30E-01	mg/L	—	—	09-111	CAWA-08-16078	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	3.00E-02	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.75	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.91	—	—	3.00E-02	mg/L	—	—	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.42	—	—	6.60E-02	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.41	—	—	6.60E-02	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.36	—	—	6.60E-02	mg/L	—	J	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.39	—	—	6.60E-02	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	6.60E-02	mg/L	—	—	09-111	CAWA-08-16078	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.152	—	—	3.30E-02	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.149	—	—	3.30E-02	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.296	—	—	3.30E-02	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.163	—	—	3.30E-02	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.138	—	—	3.30E-02	mg/L	—	—	09-111	CAWA-08-16078	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	3.50E-01	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.1	—	—	3.50E-01	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	3.50E-01	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.2	—	—	3.50E-01	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	3.50E-01	mg/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.2	—	—	3.50E-01	mg/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36	—	—	3.50E-01	mg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.6	—	—	3.50E-01	mg/L	—	—	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	8.50E-02	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	8.50E-02	mg/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.02	—	—	8.50E-02	mg/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.309	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.354	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.371	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.407	—	—	5.00E-02	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	10/16/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.0588	—	—	1.00E-02	mg/L	—	U	09-111	CAWA-08-16078	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.263	—	—	5.00E-02	ug/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.218	—	—	5.00E-02	ug/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	5.00E-02	ug/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.231	—	—	5.00E-02	ug/L	—	J	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	10/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.274	—	—	5.00E-02	ug/L	—	—	09-111	CAWA-08-16078	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.55	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.39	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	5.00E-02	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.29	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.2	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25867	GELC

Table C-2 Water Canyon 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
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.49	—	—	1.00E-01	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.48	—	—	1.00E-01	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.25	—	—	4.50E-02	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.14	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.33	—	—	1.00E-01	mg/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.47	—	—	1.00E-01	mg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.19	—	—	4.50E-02	mg/L	—	—	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1.00E+00	uS/cm	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	108	—	—	1.00E+00	uS/cm	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	uS/cm	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	109	—	—	1.00E+00	uS/cm	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.04	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.54	—	—	1.00E-01	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.47	—	—	1.00E-01	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.52	—	—	1.00E-01	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.46	—	—	1.00E-01	mg/L	—	—	09-111	CAWA-08-16078	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	106	—	—	2.40E+00	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	98	—	—	2.40E+00	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	106	—	—	2.40E+00	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	10/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	112	—	—	2.40E+00	mg/L	—	J	09-111	CAWA-08-16078	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.572	—	—	3.30E-01	mg/L	J	J	10-4756	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.472	—	—	3.30E-01	mg/L	J	J	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-217	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-1369	CAWA-09-5650	GELC
R-25	1232	1606	10/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.882	—	—	3.30E-01	mg/L	J	J	09-110	CAWA-08-16080	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.153	—	—	1.50E-02	mg/L	—	J	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.156	—	—	1.50E-02	mg/L	—	U	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.168	—	—	1.50E-02	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.163	—	—	1.50E-02	mg/L	—	U	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	10/16/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.177	—	—	2.40E-02	mg/L	—	J	09-111	CAWA-08-16078	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J-	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	1.00E-02	SU	H	J-	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	1.00E-02	SU	H	J-	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	0.209	—	—	1.00E-01	ug/L	J	J	10-4756	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	0.166	—	—	1.00E-01	ug/L	J	J	10-2710	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	0.194	—	—	1.00E-01	ug/L	J	J	10-217	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	0.211	—	—	7.80E-02	ug/L	J	J	09-1369	CAWA-09-5650	GELC
R-25	1232	1606	10/16/08	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrotoluene[2,4,6-]	—	0.156	—	—	7.80E-02	ug/L	J	J	09-110	CAWA-08-16080	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.9	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.5	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.3	—	—	1.00E+00	ug/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.4	—	—	1.00E+00	ug/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.9	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.9	—	—	1.00E+00	ug/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.3	—	—	1.00E+00	ug/L	—	—	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.652	—	—	1.00E-01	ug/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.843	—	—	1.00E-01	ug/L	—	U	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.789	—	—	1.00E-01	ug/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.801	—	—	1.00E-01	ug/L	—	U	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.657	—	—	1.00E-01	ug/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.899	—	—	1.00E-01	ug/L	—	U	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.843	—	—	1.00E-01	ug/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.789	—	—	1.00E-01	ug/L	—	U	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.549	—	—	5.00E-01	ug/L	J	J	10-4757	CAWA-10-25867	GELC

Table C-2 Water Canyon 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
R-25	1232	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.741	—	—	5.00E-01	ug/L	J	J	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.914	—	—	5.00E-01	ug/L	J	J	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.46	—	—	5.00E-01	ug/L	J	J	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.19	—	—	5.00E-01	ug/L	J	J	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.992	—	—	5.00E-01	ug/L	J	J	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.89	—	—	5.00E-01	ug/L	J	J	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.79	—	—	5.00E-01	ug/L	J	J	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.3	—	—	5.30E-02	mg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.1	—	—	5.30E-02	mg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.8	—	—	5.30E-02	mg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58	—	—	3.20E-02	mg/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.1	—	—	3.20E-02	mg/L	—	—	09-111	CAWA-08-16078	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.5	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.7	—	—	1.00E+00	ug/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56	—	—	1.00E+00	ug/L	—	—	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.1	—	—	1.00E+00	ug/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.7	—	—	1.00E+00	ug/L	—	—	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1.00E+00	ug/L	J	J	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.01	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.59	—	—	1.00E+00	ug/L	—	U	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.97	—	—	1.00E+00	ug/L	J	J	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.94	—	—	1.00E+00	ug/L	J	J	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.15	—	—	1.00E+00	ug/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.74	—	—	1.00E+00	ug/L	—	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.86	—	—	1.00E+00	ug/L	J	J	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.42	—	—	3.30E+00	ug/L	J	J	10-4757	CAWA-10-25867	GELC
R-25	1232	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.86	—	—	3.30E+00	ug/L	J	J	10-2709	CAWA-10-15194	GELC
R-25	1232	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.01	—	—	3.30E+00	ug/L	J	J	10-218	CAWA-09-14187	GELC
R-25	1232	1606	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.93	—	—	2.00E+00	ug/L	J	J	09-1370	CAWA-09-5649	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.09	—	—	3.30E+00	ug/L	J	J	10-4757	CAWA-10-25865	GELC
R-25	1232	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.16	—	—	3.30E+00	ug/L	J	J	10-2709	CAWA-10-15196	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.4	—	—	3.30E+00	ug/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	1606	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11	—	—	2.00E+00	ug/L	—	—	09-1370	CAWA-09-5650	GELC
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00314	1.41E-03	3.16E-02	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00312	1.65E-03	2.34E-02	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.008	6.33E-03	7.90E-02	—	pCi/L	U	U	8103R	GWCV-00-0016	PARA
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	Gamma Spec	Americium-241	<	0	8.50E-01	4.30E+00	—	pCi/L	U	U	8103R	GWCV-00-0016	PARA
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00185	1.00E-03	3.40E-02	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00473	8.67E-04	3.60E-02	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00926	1.22E-03	3.33E-02	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00112	1.64E-03	2.33E-02	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	Gamma Spec	Americium-241	<	0	1.83E+00	9.10E+00	—	pCi/L	U	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.009	4.83E-03	5.10E-02	—	pCi/L	U	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.35	4.07E-01	4.41E+00	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.38	3.90E-01	4.03E+00	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	Gamma Spec	Cesium-137	<	-1.1	5.67E-01	2.80E+00	—	pCi/L	U	U	8103R	GWCV-00-0016	PARA
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.354	5.33E-01	5.30E+00	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.233	4.33E-01	4.30E+00	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.526	4.83E-01	4.79E+00	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.54	4.20E-01	4.20E+00	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	Gamma Spec	Cesium-137	<	0	2.50E-01	1.30E+00	—	pCi/L	U	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.49	5.17E-01	5.26E+00	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.881	3.93E-01	4.09E+00	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	Gamma Spec	Cobalt-60	<	0.1	6.00E-01	3.00E+00	—	pCi/L	U	U	8103R	GWCV-00-0016	PARA

Table C-2 Water Canyon 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
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0629	4.67E-01	4.60E+00	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.849	5.00E-01	4.90E+00	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.626	5.17E-01	5.27E+00	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.26	4.57E-01	3.78E+00	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	Gamma Spec	Cobalt-60	<	0	2.33E-01	1.20E+00	—	pCi/L	U	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.44	2.16E-01	1.93E+00	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.633	1.22E-01	1.13E+00	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.3	3.07E-01	2.30E+00	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.325	1.83E-01	2.30E+00	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.21	1.93E-01	1.76E+00	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.942	1.29E-01	9.72E-01	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	08/17/01	WG	UF	CS	—	Rad	Gross Alpha	Gross alpha	<	0.6	1.83E-01	2.00E+00	—	pCi/L	U	U	9618R	GW25-01-0029	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.5	2.79E-01	2.72E+00	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.48	3.60E-01	3.42E+00	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.04	4.33E-01	2.40E+00	—	pCi/L	—	—	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.495	2.33E-01	2.50E+00	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.62	3.02E-01	2.93E+00	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.272	2.68E-01	2.84E+00	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	02/11/02	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.75	—	2.40E+00	—	pCi/L	U	U	551S	GW25-02-0011	GEL
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	51.7	3.29E+01	2.56E+02	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	80.5	2.08E+01	3.34E+02	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.1	1.00E+01	3.60E+01	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	35.1	1.10E+01	7.90E+01	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	69.8	2.92E+01	2.27E+02	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62.8	1.45E+01	2.68E+02	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	02/11/02	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	94	—	2.00E+02	—	pCi/L	U	U	551S	GW25-02-0011	GEL
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.66	2.94E+00	2.78E+01	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	16.9	2.84E+00	2.66E+01	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	Gamma Spec	Neptunium-237	<	0	2.17E+00	1.10E+01	—	pCi/L	U	U	8103R	GWCV-00-0016	PARA
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.45	8.67E-01	8.20E+00	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.05	3.67E+00	3.30E+01	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.2	3.29E+00	3.33E+01	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	21.8	4.30E+00	2.29E+01	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	Gamma Spec	Neptunium-237	<	0	2.17E+00	1.10E+01	—	pCi/L	U	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00191	2.11E-03	3.33E-02	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.012	2.01E-03	3.29E-02	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.038	7.00E-03	6.00E-02	—	pCi/L	U	U	8103R	GWCV-00-0016	PARA
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	8.00E-04	1.90E-02	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00208	7.00E-04	3.40E-02	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00353	2.04E-03	3.08E-02	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.014	1.92E-03	2.56E-02	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.008	4.50E-03	4.80E-02	—	pCi/L	U	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00953	1.91E-03	3.13E-02	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.015	3.01E-03	2.19E-02	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	4.83E-03	2.90E-02	—	pCi/L	U	U	8103R	GWCV-00-0016	PARA
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	8.00E-04	3.20E-02	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.40E-03	3.40E-02	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00353	1.44E-03	2.90E-02	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.55E-03	1.70E-02	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.008	4.50E-03	4.80E-02	—	pCi/L	U	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-34.9	5.60E+00	4.85E+01	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.9	5.70E+00	3.87E+01	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	Gamma Spec	Potassium-40	<	53	1.52E+01	5.00E+01	—	pCi/L	U	U	8103R	GWCV-00-0016	PARA
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	31.6	7.33E+00	4.70E+01	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.7	5.33E+00	3.70E+01	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	51.7	6.27E+00	4.12E+01	—	pCi/L	UI	R	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-21.6	6.77E+00	6.08E+01	—	pCi/L	U	U	180690	GU07010G25R701	GELC

Table C-2 Water Canyon 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
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	Gamma Spec	Potassium-40	<	-47	8.17E+00	2.60E+01	—	pCi/L	U	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.79	4.17E-01	3.82E+00	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.83	3.63E-01	2.94E+00	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	Gamma Spec	Sodium-22	<	1.3	5.00E-01	2.50E+00	—	pCi/L	U	U	8103R	GWCV-00-0016	PARA
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.212	4.67E-01	4.50E+00	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.57	4.33E-01	3.80E+00	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.327	4.93E-01	4.95E+00	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.21	4.33E-01	4.17E+00	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	Gamma Spec	Sodium-22	<	-0.1	2.33E-01	1.20E+00	—	pCi/L	U	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0879	3.80E-02	3.96E-01	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.275	3.90E-02	4.25E-01	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	F	CS	—	Rad	Beta Counting	Strontium-90	<	0.8	2.33E-01	2.30E+00	—	pCi/L	—	U	8103R	GWCV-00-0016	PARA
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.207	4.33E-02	4.30E-01	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.215	4.67E-02	4.90E-01	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.218	2.93E-02	3.16E-01	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0628	4.43E-02	4.87E-01	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	12/11/00	WG	UF	CS	—	Rad	Beta Counting	Strontium-90	<	0.2	2.67E-01	2.70E+00	—	pCi/L	—	U	8103R	GWCV-00-0015	PARA
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.253	9.60E-03	6.29E-02	—	pCi/L	—	—	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.245	9.00E-03	4.15E-02	—	pCi/L	—	—	180690	GF07010G25R701	GELC
R-25	1232	1606	02/11/02	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.229	—	1.60E-02	—	pCi/L	—	—	551S	GW25-02-0012	GEL
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.253	1.13E-02	5.20E-02	—	pCi/L	—	—	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.248	1.50E-02	1.90E-01	—	pCi/L	—	J+	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.244	9.17E-03	6.11E-02	—	pCi/L	—	—	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.281	9.13E-03	3.61E-02	—	pCi/L	—	—	180690	GU07010G25R701	GELC
R-25	1232	1606	02/11/02	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.177	—	2.30E-02	—	pCi/L	—	—	551S	GW25-02-0011	GEL
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0162	2.23E-03	3.73E-02	—	pCi/L	U	U	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0363	3.57E-03	4.24E-02	—	pCi/L	U	U	180690	GF07010G25R701	GELC
R-25	1232	1606	02/11/02	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00863	—	1.60E-02	—	pCi/L	U	U	551S	GW25-02-0012	GEL
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.019	2.87E-03	4.00E-02	—	pCi/L	U	U	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	3.10E-03	9.70E-02	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0184	2.34E-03	3.63E-02	—	pCi/L	U	U	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0168	2.45E-03	3.68E-02	—	pCi/L	U	U	180690	GU07010G25R701	GELC
R-25	1232	1606	02/11/02	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0178	—	1.70E-02	—	pCi/L	—	U	551S	GW25-02-0011	GEL
R-25	1232	1606	10/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0982	5.53E-03	4.19E-02	—	pCi/L	—	J	196605	GF07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.155	6.70E-03	2.94E-02	—	pCi/L	—	—	180690	GF07010G25R701	GELC
R-25	1232	1606	02/11/02	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.15	—	1.30E-02	—	pCi/L	—	—	551S	GW25-02-0012	GEL
R-25	1232	1606	09/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.15	8.00E-03	3.10E-02	—	pCi/L	—	—	10-4759	CAWA-10-25865	GELC
R-25	1232	1606	10/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.101	9.67E-03	1.20E-01	—	pCi/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	1606	10/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.119	5.80E-03	4.08E-02	—	pCi/L	—	J	196605	GU07100G25R701	GELC
R-25	1232	1606	02/12/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.15	6.07E-03	2.55E-02	—	pCi/L	—	—	180690	GU07010G25R701	GELC
R-25	1232	1606	02/11/02	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.114	—	1.70E-02	—	pCi/L	—	—	551S	GW25-02-0011	GEL
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.3	—	—	7.30E-01	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.1	—	—	7.30E-01	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.8	—	—	7.30E-01	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	7.30E-01	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	3.00E-02	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	3.00E-02	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	3.00E-02	mg/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	3.00E-02	mg/L	—	—	09-111	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.48	—	—	6.60E-02	mg/L	—	—	10-4757	CAWA-10-25887	GELC

Table C-2 Water Canyon 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
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.48	—	—	6.60E-02	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.38	—	—	6.60E-02	mg/L	—	J	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	6.60E-02	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.5	—	—	6.60E-02	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.157	—	—	3.30E-02	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.153	—	—	3.30E-02	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.305	—	—	3.30E-02	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.169	—	—	3.30E-02	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.173	—	—	3.30E-02	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.6	—	—	3.50E-01	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	3.50E-01	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42	—	—	3.50E-01	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.1	—	—	3.50E-01	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.9	—	—	3.50E-01	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	3.50E-01	mg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	3.50E-01	mg/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.6	—	—	3.50E-01	mg/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.5	—	—	3.50E-01	mg/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.6	—	—	3.50E-01	mg/L	—	—	09-111	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	8.50E-02	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	8.50E-02	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	8.50E-02	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	8.50E-02	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	8.50E-02	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	8.50E-02	mg/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.14	—	—	8.50E-02	mg/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.14	—	—	8.50E-02	mg/L	—	—	09-111	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.329	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.4	—	—	5.00E-02	mg/L	—	J	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.372	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.253	—	—	5.00E-02	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.06	—	—	1.00E-02	mg/L	—	U	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.26	—	—	5.00E-02	ug/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	5.00E-02	ug/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	5.00E-02	ug/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	5.00E-02	ug/L	—	J	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.309	—	—	5.00E-02	ug/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	5.00E-02	mg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	5.00E-02	mg/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	5.00E-02	mg/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	09-111	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.41	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.55	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.77	—	—	1.00E-01	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.68	—	—	4.50E-02	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.88	—	—	4.50E-02	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.02	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.64	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.91	—	—	1.00E-01	mg/L	—	—	10-218	CAWA-09-14191	GELC

Table C-2 Water Canyon 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
R-25	1282	1796	04/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.74	—	—	4.50E-02	mg/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	4.50E-02	mg/L	—	—	09-111	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	uS/cm	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	121	—	—	1.00E+00	uS/cm	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.75	—	—	1.00E-01	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.74	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.62	—	—	1.00E-01	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.72	—	—	1.00E-01	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.78	—	—	1.00E-01	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.40E+00	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.40E+00	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	108	—	—	2.40E+00	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.40E+00	mg/L	—	J	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.512	—	—	3.30E-01	mg/L	J	J	10-4756	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.423	—	—	3.30E-01	mg/L	J	J	10-2716	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-217	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.514	—	—	3.30E-01	mg/L	J	J	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.944	—	—	3.30E-01	mg/L	J	J	09-110	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.165	—	—	1.50E-02	mg/L	—	J	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.191	—	—	1.50E-02	mg/L	—	J	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.149	—	—	1.50E-02	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.148	—	—	1.50E-02	mg/L	—	U	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.214	—	—	2.40E-02	mg/L	—	J	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.33	—	—	1.00E-02	SU	H	J-	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.31	—	—	1.00E-02	SU	H	J-	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.35	—	—	1.00E-02	SU	H	J-	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.39	—	—	1.00E-02	SU	H	J-	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.46	—	—	1.00E-02	SU	H	J-	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.3	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.3	—	—	1.00E+00	ug/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32	—	—	1.00E+00	ug/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.3	—	—	1.00E+00	ug/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.6	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.3	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.4	—	—	1.00E+00	ug/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.3	—	—	1.00E+00	ug/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.2	—	—	1.00E+00	ug/L	—	—	09-111	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.708	—	—	1.00E-01	ug/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.849	—	—	1.00E-01	ug/L	—	U	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.843	—	—	1.00E-01	ug/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.906	—	—	1.00E-01	ug/L	—	U	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.92	—	—	1.00E-01	ug/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	1.00E-01	ug/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.847	—	—	1.00E-01	ug/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.945	—	—	1.00E-01	ug/L	—	U	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.96	—	—	1.00E-01	ug/L	—	—	09-111	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.772	—	—	5.00E-01	ug/L	J	J	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.22	—	—	5.00E-01	ug/L	J	J	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.68	—	—	5.00E-01	ug/L	J	J	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.67	—	—	5.00E-01	ug/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-111	CAWA-08-16083	GELC

Table C-2 Water Canyon 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
R-25	1282	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.74	—	—	5.00E-01	ug/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.65	—	—	5.00E-01	ug/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.738	—	—	5.00E-01	ug/L	J	J	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.96	—	—	5.00E-01	ug/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	09-111	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.3	—	—	5.30E-02	mg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62	—	—	5.30E-02	mg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.2	—	—	5.30E-02	mg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.5	—	—	3.20E-02	mg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.8	—	—	3.20E-02	mg/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.7	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.3	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.9	—	—	1.00E+00	ug/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.5	—	—	1.00E+00	ug/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	89	—	—	1.00E+00	ug/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.2	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	86.5	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	87.3	—	—	1.00E+00	ug/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.2	—	—	1.00E+00	ug/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	93.3	—	—	1.00E+00	ug/L	—	—	09-111	CAWA-08-16084	GELC
R-25	1282	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5	—	—	1.00E+00	ug/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.29	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.69	—	—	1.00E+00	ug/L	—	U	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.09	—	—	1.00E+00	ug/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	ug/L	—	—	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	ug/L	J	J	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.61	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.55	—	—	1.00E+00	ug/L	—	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.37	—	—	1.00E+00	ug/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	ug/L	—	—	09-111	CAWA-08-16084	GELC
R-25	1282	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2717	CAWA-10-15197	GELC
R-25	1282	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-218	CAWA-09-14189	GELC
R-25	1282	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.33	—	—	2.00E+00	ug/L	J	U	09-1355	CAWA-09-5655	GELC
R-25	1282	1796	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-111	CAWA-08-16083	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.4	—	—	3.30E+00	ug/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	14.8	—	—	3.30E+00	ug/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.3	—	—	3.30E+00	ug/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	—	U	09-1355	CAWA-09-5656	GELC
R-25	1282	1796	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.1	—	—	2.00E+00	ug/L	J	J	09-111	CAWA-08-16084	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0012	7.80E-04	3.13E-02	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00254	3.16E-03	3.60E-02	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	9.00E-04	3.00E-02	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000937	1.20E-03	3.70E-02	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00334	6.37E-04	3.00E-02	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000309	9.47E-04	2.14E-02	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00283	5.17E-03	3.70E-02	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.866	4.03E-01	3.77E+00	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.707	3.20E-01	3.35E+00	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.944	5.00E-01	4.60E+00	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.91	5.00E-01	4.10E+00	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.27	4.80E-01	4.56E+00	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.19	3.90E-01	4.31E+00	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.492	2.85E-01	3.13E+00	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.91	4.57E-01	3.51E+00	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.28	3.21E-01	3.93E+00	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.132	4.33E-01	4.30E+00	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.1	3.67E-01	3.10E+00	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC

Table C-2 Water Canyon 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
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.34	4.40E-01	3.92E+00	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.439	4.47E-01	4.05E+00	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.211	2.90E-01	3.19E+00	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.806	1.91E-01	1.91E+00	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.129	9.33E-02	1.32E+00	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.165	1.57E-01	2.10E+00	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.43	2.03E-01	2.50E+00	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.82	2.90E-01	2.50E+00	—	pCi/L	U	U	197062	GU07100G25R801	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.843	2.01E-01	2.03E+00	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.804	1.79E-01	1.68E+00	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.529	1.11E-01	1.34E+00	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.861	2.73E-01	2.75E+00	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.89	2.72E-01	3.16E+00	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.01	3.33E-01	2.50E+00	—	pCi/L	—	—	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.57	2.47E-01	2.30E+00	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.547	2.38E-01	2.44E+00	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.1	3.53E-01	3.13E+00	—	pCi/L	—	J	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.04	2.40E-01	2.73E+00	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	80.6	1.77E+01	2.26E+02	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.1	4.53E+01	3.09E+02	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.9	4.33E+00	3.30E+01	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.8	2.83E+01	6.50E+01	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	77.4	2.05E+01	2.03E+02	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	80	2.11E+01	3.60E+02	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	109	8.33E+01	3.49E+02	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.81	4.03E+00	3.35E+01	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.82	3.02E+00	2.74E+01	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.77	1.10E+00	1.10E+01	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.1	3.67E+00	3.40E+01	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.37	3.37E+00	3.34E+01	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.01	2.88E+00	2.55E+01	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.562	2.31E+00	2.37E+01	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00361	2.40E-03	3.14E-02	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00647	3.87E-03	4.50E-02	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.33E-04	1.80E-02	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00197	6.67E-04	3.20E-02	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00392	2.78E-03	3.42E-02	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00928	2.68E-03	2.55E-02	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00407	1.66E-03	4.20E-02	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00541	1.59E-03	2.96E-02	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00862	4.87E-03	3.80E-02	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	7.33E-04	3.10E-02	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00394	1.30E-03	3.20E-02	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00392	1.60E-03	3.22E-02	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00696	3.00E-03	1.70E-02	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00203	3.11E-03	3.60E-02	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.9	5.67E+00	5.39E+01	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14	7.67E+00	3.44E+01	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.1	6.67E+00	6.40E+01	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.0532	5.67E+00	4.40E+01	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	50.7	5.53E+00	4.89E+01	—	pCi/L	UI	R	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.06	5.53E+00	2.58E+01	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.6	4.67E+00	3.07E+01	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.18	4.77E-01	4.42E+00	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.722	3.03E-01	3.63E+00	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.271	5.33E-01	5.30E+00	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.869	4.33E-01	4.10E+00	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC

Table C-2 Water Canyon 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
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.27	4.50E-01	4.09E+00	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.07	3.40E-01	3.88E+00	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.332	3.24E-01	3.04E+00	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.015	2.06E-02	2.12E-01	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0696	2.38E-02	2.38E-01	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.306	4.67E-02	5.00E-01	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.165	4.00E-02	4.90E-01	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.251	3.90E-02	4.74E-01	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.286	4.60E-02	4.42E-01	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0114	2.33E-02	2.36E-01	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.31	1.12E-02	7.19E-02	—	pCi/L	—	—	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.28	1.02E-02	7.60E-02	—	pCi/L	—	—	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.223	9.33E-03	4.10E-02	—	pCi/L	—	—	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.37	1.93E-02	2.10E-01	—	pCi/L	—	J+	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.24	8.50E-03	5.48E-02	—	pCi/L	—	—	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.313	1.12E-02	5.23E-02	—	pCi/L	—	—	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.24	9.00E-03	7.40E-02	—	pCi/L	—	—	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0123	3.26E-03	4.27E-02	—	pCi/L	U	U	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0309	3.60E-03	5.70E-02	—	pCi/L	U	U	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0149	2.27E-03	3.10E-02	—	pCi/L	U	U	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0144	4.00E-03	1.10E-01	—	pCi/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00941	1.93E-03	3.26E-02	—	pCi/L	U	U	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0122	2.04E-03	5.33E-02	—	pCi/L	U	U	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.003	1.73E-03	5.60E-02	—	pCi/L	U	U	143033	GU0508G25R801	GELC
R-25	1282	1796	10/29/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.137	7.43E-03	4.80E-02	—	pCi/L	—	J	196687	GF07100G25R801	GELC
R-25	1282	1796	08/10/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.125	6.37E-03	5.40E-02	—	pCi/L	—	J	143033	GF0508G25R801	GELC
R-25	1282	1796	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.118	6.33E-03	2.50E-02	—	pCi/L	—	—	10-4759	CAWA-10-25885	GELC
R-25	1282	1796	10/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.146	1.17E-02	1.30E-01	—	pCi/L	—	J+	10-218	CAWA-09-14191	GELC
R-25	1282	1796	10/29/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.164	6.67E-03	3.66E-02	—	pCi/L	—	—	196687	GU07100G25R801	GELC
R-25	1282	1796	02/14/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.108	6.17E-03	3.70E-02	—	pCi/L	—	J	180977	GU07010G25R801	GELC
R-25	1282	1796	08/10/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.121	6.37E-03	5.20E-02	—	pCi/L	—	J	143033	GU0508G25R801	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.1	—	—	7.30E-01	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.1	—	—	7.30E-01	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	88.7	—	—	7.30E-01	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.9	—	—	7.30E-01	mg/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.24	—	—	3.00E-02	mg/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	5.00E-02	mg/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.41	—	—	3.00E-02	mg/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	6.60E-02	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.1	—	—	6.60E-02	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.61	—	—	6.60E-02	mg/L	—	J+	10-99	CAWA-09-14263	GELC
R-25b	8611	750	10/09/09	WG	F	RE	—	Geninorg	EPA:300.0	Chloride	—	2.61	—	—	6.60E-02	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.06	—	—	6.60E-02	mg/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.185	—	—	3.30E-02	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.158	—	—	3.30E-02	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.4	—	—	3.30E-02	mg/L	—	R	10-99	CAWA-09-14263	GELC
R-25b	8611	750	10/09/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.151	—	—	3.30E-02	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.226	—	—	3.30E-02	mg/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	3.50E-01	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	3.50E-01	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	3.50E-01	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	24.8	—	—	3.50E-01	mg/L	—	—	09-2232	CAPA-09-9635	GELC

Table C-2 Water Canyon 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
R-25b	8611	750	09/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	3.50E-01	mg/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.2	—	—	3.50E-01	mg/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.9	—	—	3.50E-01	mg/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	3.50E-01	mg/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.91	—	—	8.50E-02	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.37	—	—	8.50E-02	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.23	—	—	8.50E-02	mg/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.95	—	—	8.50E-02	mg/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.4	—	—	8.50E-02	mg/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.43	—	—	8.50E-02	mg/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.37	—	—	8.50E-02	mg/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.74	—	—	5.00E-02	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.715	—	—	5.00E-02	mg/L	—	U	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.431	—	—	5.00E-02	mg/L	—	J	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.488	—	—	5.00E-02	mg/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.306	—	—	5.00E-02	ug/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.289	—	—	5.00E-02	ug/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.239	—	—	5.00E-02	ug/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.255	—	—	5.00E-02	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	5.00E-02	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	5.00E-02	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	5.00E-02	mg/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	5.00E-02	mg/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	5.00E-02	mg/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.99	—	—	5.00E-02	mg/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.08	—	—	5.00E-02	mg/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.2	—	—	1.00E-01	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.3	—	—	1.00E-01	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	32.4	—	—	1.00E-01	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	40.8	—	—	4.50E-02	mg/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	1.00E-01	mg/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.8	—	—	1.00E-01	mg/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.6	—	—	1.00E-01	mg/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	39.4	—	—	4.50E-02	mg/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1.00E+00	uS/cm	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1.00E+00	uS/cm	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.5	—	—	1.00E-01	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.09	—	—	1.00E-01	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.72	—	—	1.00E-01	mg/L	—	J	10-99	CAWA-09-14263	GELC
R-25b	8611	750	10/09/09	WG	F	RE	—	Geninorg	EPA:300.0	Sulfate	—	9.72	—	—	1.00E-01	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.9	—	—	1.00E-01	mg/L	—	J	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.40E+00	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.40E+00	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.40E+00	mg/L	—	J	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.063	—	—	3.30E-02	mg/L	J	J	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.158	—	—	3.30E-02	mg/L	—	J-	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	09-2231	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.204	—	—	2.90E-02	mg/L	—	J	09-579	CAPA-09-1753	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.978	—	—	3.30E-01	mg/L	J	J	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.714	—	—	3.30E-01	mg/L	J	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.546	—	—	3.30E-01	mg/L	J	J	10-99	CAWA-09-14261	GELC

Table C-2 Water Canyon 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
R-25b	8611	750	06/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.975	—	—	3.30E-01	mg/L	J	J	09-2231	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.08	—	—	3.30E-01	mg/L	—	—	09-579	CAPA-09-1753	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.137	—	—	1.50E-02	mg/L	—	J	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.138	—	—	1.50E-02	mg/L	—	J	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.165	—	—	1.50E-02	mg/L	—	J	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.119	—	—	1.50E-02	mg/L	—	J	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.61	—	—	1.00E-02	SU	H	J-	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.61	—	—	1.00E-02	SU	H	J-	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.23	—	—	1.00E-02	SU	H	J-	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.677	—	—	1.00E-01	ug/L	—	J	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.463	—	—	1.00E-01	ug/L	—	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.6	—	—	1.00E-01	ug/L	—	—	10-98	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.963	—	—	1.00E-01	ug/L	—	—	09-2231	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	6.44	—	—	1.00E-01	ug/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	6.22	—	—	1.00E-01	ug/L	—	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	7.02	—	—	1.00E-01	ug/L	—	J	10-98	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	10.2	—	—	1.30E-01	ug/L	—	—	09-2231	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	172	—	—	6.80E+01	ug/L	J	J	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	176	—	—	6.80E+01	ug/L	J	J	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	328	—	—	6.80E+01	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1250	—	—	6.80E+01	ug/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	483	—	—	6.80E+01	ug/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2650	—	—	6.80E+01	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	5090	—	—	6.80E+01	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.39	—	—	1.50E+00	ug/L	J	J	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.13	—	—	1.50E+00	ug/L	J	J	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	5.37	—	—	1.50E+00	ug/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.94	—	—	1.50E+00	ug/L	J	J	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.55	—	—	1.50E+00	ug/L	J	J	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.26	—	—	1.50E+00	ug/L	J	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.73	—	—	1.50E+00	ug/L	J	J	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.87	—	—	1.50E+00	ug/L	J	J	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.3	—	—	1.00E+00	ug/L	—	J	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.7	—	—	1.00E+00	ug/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.2	—	—	1.00E+00	ug/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	11.1	—	—	1.00E+00	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.6	—	—	1.00E+00	ug/L	—	J	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.9	—	—	1.00E+00	ug/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1.00E+00	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1.00E+00	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.9	—	—	1.50E+01	ug/L	J	J	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27.4	—	—	1.50E+01	ug/L	J	J	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	30.4	—	—	1.50E+01	ug/L	J	J	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	51.4	—	—	1.00E+01	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.7	—	—	1.50E+01	ug/L	J	J	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.5	—	—	1.50E+01	ug/L	J	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.9	—	—	1.50E+01	ug/L	J	J	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	56.5	—	—	1.00E+01	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.69	—	—	2.50E+00	ug/L	J	J	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.66	—	—	2.50E+00	ug/L	J	J	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.7	—	—	1.50E+00	ug/L	J	J	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.67	—	—	2.50E+00	ug/L	J	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.96	—	—	2.50E+00	ug/L	J	J	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	8.09	—	—	1.50E+00	ug/L	—	—	09-2232	CAPA-09-9633	GELC

Table C-2 Water Canyon 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
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.5	—	—	3.00E+00	ug/L	J	J	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	7.47	—	—	3.00E+00	ug/L	J	J	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	9.31	—	—	3.00E+00	ug/L	J	J	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	7.51	—	—	3.00E+00	ug/L	J	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	16.3	—	—	3.00E+00	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	39.6	—	—	3.00E+00	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	90	—	—	3.00E+01	ug/L	J	J	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	130	—	—	3.00E+01	ug/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	305	—	—	2.50E+01	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	583	—	—	3.00E+01	ug/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	258	—	—	3.00E+01	ug/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1310	—	—	3.00E+01	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2410	—	—	2.50E+01	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.512	—	—	5.00E-01	ug/L	J	J	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.54	—	—	5.00E-01	ug/L	J	J	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.11	—	—	5.00E-01	ug/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.23	—	—	5.00E-01	ug/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	3.95	—	—	5.00E-01	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	7.03	—	—	5.00E-01	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	13.2	—	—	2.00E+00	ug/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.53	—	—	2.00E+00	ug/L	J	J	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	22.9	—	—	2.00E+00	ug/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	102	—	—	2.00E+00	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.8	—	—	2.00E+00	ug/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.6	—	—	2.00E+00	ug/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30.6	—	—	2.00E+00	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	129	—	—	2.00E+00	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	10.2	—	—	1.00E-01	ug/L	E	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	12.4	—	—	1.00E-01	ug/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	40.3	—	—	1.00E-01	ug/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	37.2	—	—	1.00E-01	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	9.82	—	—	1.00E-01	ug/L	E	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	14.5	—	—	1.00E-01	ug/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	30.5	—	—	1.00E-01	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	33.9	—	—	1.00E-01	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.46	—	—	5.00E-01	ug/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	5.00E-01	ug/L	J	J	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.54	—	—	5.00E-01	ug/L	J	J	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	5.00E-01	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3	—	—	5.00E-01	ug/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.54	—	—	5.00E-01	ug/L	J	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.03	—	—	5.00E-01	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.27	—	—	5.00E-01	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.4	—	—	5.30E-02	mg/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54	—	—	5.30E-02	mg/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	49.3	—	—	5.30E-02	mg/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.1	—	—	3.20E-02	mg/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1.00E+00	ug/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	69.8	—	—	1.00E+00	ug/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	88.2	—	—	1.00E+00	ug/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	66.2	—	—	1.00E+00	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.5	—	—	1.00E+00	ug/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70.3	—	—	1.00E+00	ug/L	—	—	10-2870	CAWA-10-15174	GELC

Table C-2 Water Canyon 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
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	92.1	—	—	1.00E+00	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.87	—	—	5.00E-02	ug/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.08	—	—	5.00E-02	ug/L	—	J	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.12	—	—	5.00E-02	ug/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.03	—	—	5.00E-02	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.08	—	—	5.00E-02	ug/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.51	—	—	5.00E-02	ug/L	—	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.26	—	—	5.00E-02	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.71	—	—	5.00E-02	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.02	—	—	1.00E+00	ug/L	J	J	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1.00E+00	ug/L	J	J	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.26	—	—	1.00E+00	ug/L	J	J	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.12	—	—	1.00E+00	ug/L	J	J	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1.00E+00	ug/L	J	J	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.88	—	—	1.00E+00	ug/L	J	J	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.45	—	—	1.00E+00	ug/L	J	J	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.72	—	—	1.00E+00	ug/L	J	J	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	09/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	46.8	—	—	3.30E+00	ug/L	—	—	10-4502	CAWA-10-25900	GELC
R-25b	8611	750	04/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	24.1	—	—	3.30E+00	ug/L	—	—	10-2870	CAWA-10-15176	GELC
R-25b	8611	750	10/09/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	24.3	—	—	3.30E+00	ug/L	—	—	10-99	CAWA-09-14263	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	74.1	—	—	2.00E+00	ug/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	57.9	—	—	3.30E+00	ug/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	36.4	—	—	3.30E+00	ug/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	54.9	—	—	3.30E+00	ug/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	133	—	—	2.00E+00	ug/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00216	5.33E-04	2.80E-02	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00586	4.33E-03	3.50E-02	—	pCi/L	U	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00535	1.03E-03	3.60E-02	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0129	1.53E-03	2.30E-02	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0206	2.60E-03	3.80E-02	—	pCi/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.013	1.93E-03	3.40E-02	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00926	2.17E-03	2.50E-02	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.344	5.00E-01	5.00E+00	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.21	4.67E-01	4.10E+00	—	pCi/L	U	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.5	7.00E-01	7.20E+00	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.914	5.00E-01	4.60E+00	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.419	5.00E-01	5.10E+00	—	pCi/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.458	4.00E-01	3.90E+00	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.05	5.67E-01	4.80E+00	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.637	4.67E-01	4.30E+00	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.34	4.67E-01	5.30E+00	—	pCi/L	U	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.87	5.00E-01	4.20E+00	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.69	4.33E-01	5.40E+00	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.62	5.00E-01	3.80E+00	—	pCi/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.29	4.67E-01	5.10E+00	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-4.12	6.00E-01	3.90E+00	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	3.92	4.00E-01	2.20E+00	—	pCi/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.34	3.30E-01	2.60E+00	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.43	3.13E-01	2.40E+00	—	pCi/L	—	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	9.06	7.00E-01	3.60E+00	—	pCi/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	5.47	5.00E-01	2.90E+00	—	pCi/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.78	2.10E-01	1.30E+00	—	pCi/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.9	4.00E-01	2.30E+00	—	pCi/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.122	1.77E-01	2.10E+00	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.34	4.33E-01	3.70E+00	—	pCi/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.75	2.97E-01	1.60E+00	—	pCi/L	—	—	09-2232	CAPA-09-9633	GELC

Table C-2 Water Canyon 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
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	25.8	5.00E+00	4.00E+01	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	37.8	5.00E+00	3.60E+01	—	pCi/L	—	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	5.04	9.33E-01	1.00E+01	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	29.5	4.67E+00	4.20E+01	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	33.8	6.67E+00	3.30E+01	—	pCi/L	—	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	20.3	5.33E+00	3.80E+01	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	27.1	4.33E+00	2.80E+01	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.5	3.30E+00	3.30E+01	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.35	3.67E+00	3.40E+01	—	pCi/L	U	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.07	9.33E-01	8.90E+00	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.15	4.00E+00	4.00E+01	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.73	3.67E+00	3.40E+01	—	pCi/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.75	3.67E+00	3.70E+01	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.5	3.67E+00	3.50E+01	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00796	5.00E-03	3.60E-02	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00245	1.17E-03	3.70E-02	—	pCi/L	U	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-4.77E-10	1.33E-03	2.20E-02	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.00E-04	3.40E-02	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00239	1.80E-03	3.90E-02	—	pCi/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00407	4.67E-03	3.70E-02	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00277	1.30E-03	4.20E-02	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00199	1.77E-03	3.60E-02	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.63E-03	4.30E-02	—	pCi/L	U	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.004	1.90E-03	3.30E-02	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0018	1.60E-03	2.10E-02	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00478	2.27E-03	3.90E-02	—	pCi/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00814	2.37E-03	3.70E-02	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.83E-03	4.90E-02	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.83	5.33E+00	5.60E+01	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	12.5	8.67E+00	4.70E+01	—	pCi/L	U	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.2	6.33E+00	6.90E+01	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-45.8	7.00E+00	6.30E+01	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.8	6.00E+00	5.90E+01	—	pCi/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.56	6.33E+00	6.60E+01	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-45.9	6.00E+00	4.70E+01	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.78	5.33E-01	4.50E+00	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.463	4.00E-01	4.00E+00	—	pCi/L	U	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.87	5.67E-01	6.20E+00	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.315	5.33E-01	5.10E+00	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.19	5.00E-01	4.40E+00	—	pCi/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.26	4.33E-01	4.70E+00	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.755	5.33E-01	5.50E+00	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.154	3.33E-02	3.40E-01	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0435	4.00E-02	4.40E-01	—	pCi/L	U	U	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.271	5.00E-02	4.90E-01	—	pCi/L	U	U	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0721	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0763	4.00E-02	4.10E-01	—	pCi/L	U	U	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.103	4.33E-02	4.60E-01	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.107	4.33E-02	4.40E-01	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.77	5.00E-02	1.30E-01	—	pCi/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.31	3.67E-02	8.70E-02	—	pCi/L	—	—	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.82	5.00E-02	6.80E-02	—	pCi/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.73	4.67E-02	4.50E-02	—	pCi/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	3.82	9.67E-02	1.00E-01	—	pCi/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	2.07	5.67E-02	1.30E-01	—	pCi/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.33	3.67E-02	8.90E-02	—	pCi/L	—	—	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0118	4.33E-03	5.80E-02	—	pCi/L	U	U	09-2232	CAPA-09-9635	GELC

Table C-2 Water Canyon 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
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0615	4.67E-03	4.30E-02	—	pCi/L	—	—	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0404	4.00E-03	3.40E-02	—	pCi/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0376	3.67E-03	3.70E-02	—	pCi/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0924	7.00E-03	5.20E-02	—	pCi/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00415	5.67E-03	6.10E-02	—	pCi/L	U	U	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0392	4.00E-03	4.40E-02	—	pCi/L	U	U	09-584	CAPA-09-1753	GELC
R-25b	8611	750	06/08/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.554	1.93E-02	5.80E-02	—	pCi/L	—	—	09-2232	CAPA-09-9635	GELC
R-25b	8611	750	01/05/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.427	1.47E-02	4.50E-02	—	pCi/L	—	—	09-584	CAPA-09-1754	GELC
R-25b	8611	750	09/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.594	1.93E-02	3.00E-02	—	pCi/L	—	—	10-4502	CAWA-10-25899	GELC
R-25b	8611	750	04/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.601	1.90E-02	3.30E-02	—	pCi/L	—	—	10-2870	CAWA-10-15174	GELC
R-25b	8611	750	10/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.4	4.00E-02	6.30E-02	—	pCi/L	—	—	10-99	CAWA-09-14261	GELC
R-25b	8611	750	06/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.739	2.47E-02	6.10E-02	—	pCi/L	—	—	09-2232	CAPA-09-9633	GELC
R-25b	8611	750	01/05/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.451	1.53E-02	4.60E-02	—	pCi/L	—	—	09-584	CAPA-09-1753	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47.5	—	—	7.30E-01	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	46.6	—	—	7.30E-01	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.2	—	—	7.30E-01	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47.3	—	—	7.30E-01	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47	—	—	7.30E-01	mg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.42	—	—	5.00E-02	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.25	—	—	5.00E-02	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.56	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.15	—	—	3.00E-02	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.67	—	—	3.00E-02	mg/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.14	—	—	5.00E-02	mg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.5	—	—	5.00E-02	mg/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.48	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.3	—	—	3.00E-02	mg/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.52	—	—	3.00E-02	mg/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.23	—	—	6.60E-02	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.08	—	—	6.60E-02	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.14	—	—	6.60E-02	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.21	—	—	6.60E-02	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.13	—	—	3.30E-02	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0926	—	—	3.30E-02	mg/L	J	J	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.273	—	—	3.30E-02	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.127	—	—	3.30E-02	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.3	—	—	3.50E-01	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.5	—	—	3.50E-01	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.2	—	—	3.50E-01	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.9	—	—	3.50E-01	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.6	—	—	3.50E-01	mg/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	29.4	—	—	3.50E-01	mg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.3	—	—	3.50E-01	mg/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.1	—	—	3.50E-01	mg/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.5	—	—	3.50E-01	mg/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.9	—	—	3.50E-01	mg/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.86	—	—	8.50E-02	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	8.50E-02	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	8.50E-02	mg/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	8.50E-02	mg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.02	—	—	8.50E-02	mg/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	8.50E-02	mg/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	8.50E-02	mg/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.377	—	—	5.00E-02	mg/L	—	—	10-4174	CAWA-10-24738	GELC

Table C-2 Water Canyon 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
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.394	—	—	5.00E-02	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.301	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.335	—	—	5.00E-02	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.226	—	—	5.00E-02	ug/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.223	—	—	5.00E-02	ug/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	5.00E-02	ug/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.235	—	—	5.00E-02	ug/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	5.00E-02	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.26	—	—	5.00E-02	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.17	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.23	—	—	5.00E-02	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.25	—	—	5.00E-02	mg/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.23	—	—	5.00E-02	mg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.28	—	—	5.00E-02	mg/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.15	—	—	5.00E-02	mg/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.28	—	—	5.00E-02	mg/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.2	—	—	5.00E-02	mg/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.56	—	—	1.00E-01	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.16	—	—	1.00E-01	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.32	—	—	1.00E-01	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.2	—	—	4.50E-02	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.65	—	—	4.50E-02	mg/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.22	—	—	1.00E-01	mg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.27	—	—	1.00E-01	mg/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.46	—	—	1.00E-01	mg/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.37	—	—	4.50E-02	mg/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.5	—	—	4.50E-02	mg/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	98.7	—	—	1.00E+00	uS/cm	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	97.5	—	—	1.00E+00	uS/cm	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	101	—	—	1.00E+00	uS/cm	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	97.8	—	—	1.00E+00	uS/cm	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	99.8	—	—	1.00E+00	uS/cm	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.28	—	—	1.00E-01	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.3	—	—	1.00E-01	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.21	—	—	1.00E-01	mg/L	—	U	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.24	—	—	1.00E-01	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	104	—	—	2.40E+00	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	101	—	—	2.40E+00	mg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	94	—	—	2.40E+00	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	94	—	—	2.40E+00	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.454	—	—	3.30E-01	mg/L	J	J	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.479	—	—	3.30E-01	mg/L	J	J	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.337	—	—	3.30E-01	mg/L	J	J	10-192	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-1381	CAWA-09-5610	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J-	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	1.00E-02	SU	H	J-	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.96	—	—	1.00E+00	ug/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.69	—	—	1.00E+00	ug/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.37	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.71	—	—	1.00E+00	ug/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.7	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.26	—	—	1.00E+00	ug/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10	—	—	1.00E+00	ug/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.88	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.62	—	—	1.00E+00	ug/L	—	—	09-1382	CAWA-09-5610	GELC

Table C-2 Water Canyon 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
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.6	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	2.50E+00	ug/L	J	J	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.55	—	—	2.50E+00	ug/L	J	J	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.35	—	—	1.50E+00	ug/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1.50E+00	ug/L	J	J	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.07	—	—	2.50E+00	ug/L	J	J	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	1.50E+00	ug/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.5	—	—	1.50E+00	ug/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	1.00E-01	ug/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.782	—	—	1.00E-01	ug/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.00E-01	ug/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.912	—	—	1.00E-01	ug/L	—	J	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.87	—	—	1.00E-01	ug/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	1.00E-01	ug/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.93	—	—	1.00E-01	ug/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.969	—	—	1.00E-01	ug/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.929	—	—	1.00E-01	ug/L	—	J	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	5.00E-01	ug/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.859	—	—	5.00E-01	ug/L	J	J	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.966	—	—	5.00E-01	ug/L	B	J	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.5	—	—	5.00E-01	ug/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.4	—	—	5.30E-02	mg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.3	—	—	5.30E-02	mg/L	E	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.4	—	—	5.30E-02	mg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.6	—	—	3.20E-02	mg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.8	—	—	1.00E+00	ug/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.4	—	—	1.00E+00	ug/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.6	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.7	—	—	1.00E+00	ug/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.7	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.7	—	—	1.00E+00	ug/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.7	—	—	1.00E+00	ug/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.1	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.5	—	—	1.00E+00	ug/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.2	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.375	—	—	5.00E-02	ug/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.317	—	—	5.00E-02	ug/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.346	—	—	5.00E-02	ug/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.343	—	—	5.00E-02	ug/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	5.00E-02	ug/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.4	—	—	5.00E-02	ug/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	5.00E-02	ug/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	5.00E-02	ug/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.354	—	—	5.00E-02	ug/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	5.00E-02	ug/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.97	—	—	1.00E+00	ug/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.81	—	—	1.00E+00	ug/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.92	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14131	GELC

Table C-2 Water Canyon 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
R-26	1421	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	ug/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-16045	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.19	—	—	1.00E+00	ug/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.36	—	—	1.00E+00	ug/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.84	—	—	1.00E+00	ug/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.27	—	—	1.00E+00	ug/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	ug/L	—	—	09-53	CAWA-08-16044	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00579	1.50E-03	2.80E-02	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000998	6.83E-04	3.24E-02	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00362	8.63E-04	2.04E-02	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00287	1.27E-03	4.20E-02	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00233	1.07E-03	3.30E-02	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0044	1.57E-03	2.50E-02	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00304	9.67E-04	3.24E-02	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000184	1.97E-04	2.11E-02	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.778	4.33E-01	4.10E+00	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2	4.17E-01	4.53E+00	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.37	4.37E-01	3.99E+00	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.59	4.00E-01	4.50E+00	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.436	2.20E-01	2.10E+00	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0893	4.33E-01	4.10E+00	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.25	4.33E-01	4.51E+00	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.542	4.20E-01	3.96E+00	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.588	4.67E-01	4.50E+00	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.14	4.73E-01	4.96E+00	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.9	3.63E-01	4.55E+00	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0195	5.67E-01	5.50E+00	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.109	2.87E-01	2.30E+00	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.73	4.33E-01	4.70E+00	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.68	4.17E-01	3.34E+00	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.1	5.33E-01	4.44E+00	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.53	2.23E-01	2.60E+00	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.0166	1.18E-01	1.51E+00	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.588	2.33E-01	2.70E+00	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.289	9.33E-02	2.00E+00	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.633	1.92E-01	2.00E+00	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.486	1.60E-01	2.14E+00	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	02/22/06	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.56	2.17E-01	2.33E+00	—	pCi/L	U	U	156838	GU0602G26R101	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.16	2.75E-01	2.29E+00	—	pCi/L	—	J	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.57	2.96E-01	2.75E+00	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.68	2.63E-01	2.20E+00	—	pCi/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.06	2.63E-01	2.30E+00	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.35	3.29E-01	2.78E+00	—	pCi/L	—	J	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.4	2.76E-01	2.73E+00	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	02/22/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.85	2.35E-01	2.41E+00	—	pCi/L	—	J	156838	GU0602G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	14	3.10E+00	1.70E+01	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	101	3.02E+01	3.25E+02	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	79.4	1.90E+01	2.92E+02	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17	2.33E+00	1.10E+01	—	pCi/L	—	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	33.5	6.67E+00	5.80E+01	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	6.77	1.93E+01	4.20E+01	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	76.6	2.37E+01	2.10E+02	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	57.8	2.16E+01	2.42E+02	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.989	3.03E+00	2.90E+01	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.2	4.33E+00	3.35E+01	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.1	3.60E+00	3.25E+01	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.74	9.67E-01	9.20E+00	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC

Table C-2 Water Canyon 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
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.82	1.63E+00	1.60E+01	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.59	2.80E+00	2.80E+01	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.5	2.73E+00	2.48E+01	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.414	3.40E+00	3.19E+01	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00502	9.67E-04	2.50E-02	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00765	1.81E-03	3.33E-02	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00488	9.43E-04	1.79E-02	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00373	2.17E-03	3.30E-02	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00199	1.47E-03	3.30E-02	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00155	1.17E-03	2.40E-02	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0111	2.31E-03	3.22E-02	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00691	2.00E-03	1.89E-02	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00836	1.47E-03	2.90E-02	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.27E-03	3.13E-02	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.013	1.89E-03	1.19E-02	—	pCi/L	U	R	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.23E-03	5.40E-02	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0119	2.67E-03	3.30E-02	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.014	1.63E-03	2.70E-02	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.23E-03	3.03E-02	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0069	1.41E-03	1.26E-02	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.8	5.67E+00	5.80E+01	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.3	6.47E+00	5.59E+01	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	11.3	5.27E+00	5.16E+01	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.5	6.00E+00	5.30E+01	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.2	5.00E+00	1.80E+01	—	pCi/L	—	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.1	6.67E+00	6.70E+01	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.82	6.17E+00	6.37E+01	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.3	5.17E+00	5.38E+01	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.923	4.67E-01	4.80E+00	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.769	4.53E-01	4.28E+00	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.804	5.00E-01	4.46E+00	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.61	4.67E-01	4.20E+00	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.12	2.13E-01	2.10E+00	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.17	3.67E-01	3.80E+00	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.699	3.80E-01	3.97E+00	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.6	3.67E-01	4.08E+00	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0309	4.33E-02	4.60E-01	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.14	3.17E-02	4.26E-01	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.211	4.60E-02	4.56E-01	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0483	4.00E-02	4.60E-01	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.164	4.67E-02	4.90E-01	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0268	4.33E-02	4.80E-01	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0611	4.73E-02	4.87E-01	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.036	4.40E-02	4.51E-01	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.201	7.33E-03	5.50E-02	—	pCi/L	—	—	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.197	7.80E-03	5.92E-02	—	pCi/L	—	—	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.142	7.23E-03	5.11E-02	—	pCi/L	—	J	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.195	7.67E-03	5.00E-02	—	pCi/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.138	1.23E-02	2.20E-01	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.192	7.00E-03	5.60E-02	—	pCi/L	—	—	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.187	7.97E-03	6.55E-02	—	pCi/L	—	J	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.219	8.43E-03	4.55E-02	—	pCi/L	—	—	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0154	1.83E-03	2.90E-02	—	pCi/L	U	U	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00508	2.08E-03	3.51E-02	—	pCi/L	U	U	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00298	2.22E-03	5.21E-02	—	pCi/L	U	U	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0213	3.07E-03	2.40E-02	—	pCi/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0227	5.00E-03	1.10E-01	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC

Table C-2 Water Canyon 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
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0137	2.20E-03	2.90E-02	—	pCi/L	U	U	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00562	1.88E-03	3.89E-02	—	pCi/L	U	U	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0159	2.19E-03	4.64E-02	—	pCi/L	U	U	180173	GU07010G26R101	GELC
R-26	1421	659.3	10/07/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.111	5.00E-03	3.00E-02	—	pCi/L	—	—	09-54	CAWA-08-16045	GELC
R-26	1421	659.3	10/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.121	6.00E-03	3.94E-02	—	pCi/L	—	—	196171	GF07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.145	7.30E-03	3.62E-02	—	pCi/L	—	—	180173	GF07010G26R101	GELC
R-26	1421	659.3	08/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.117	5.67E-03	3.00E-02	—	pCi/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	659.3	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0552	9.00E-03	1.40E-01	—	pCi/L	U	U	10-194	CAWA-09-14134	GELC
R-26	1421	659.3	10/07/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0922	4.33E-03	3.10E-02	—	pCi/L	—	—	09-54	CAWA-08-16044	GELC
R-26	1421	659.3	10/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.1	5.73E-03	4.37E-02	—	pCi/L	—	J	196171	GU07100G26R101	GELC
R-26	1421	659.3	02/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.129	6.47E-03	3.22E-02	—	pCi/L	—	—	180173	GU07010G26R101	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.2	—	—	5.00E-02	mg/L	—	—	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.2	—	—	5.00E-02	mg/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	5.00E-02	mg/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.5	—	—	3.00E-02	mg/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.00E-02	mg/L	—	—	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.4	—	—	5.00E-02	mg/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	5.00E-02	mg/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.7	—	—	3.50E-01	mg/L	—	—	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	89.5	—	—	3.50E-01	mg/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80	—	—	3.50E-01	mg/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.2	—	—	3.50E-01	mg/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.1	—	—	3.50E-01	mg/L	—	—	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	86.8	—	—	3.50E-01	mg/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	94.4	—	—	3.50E-01	mg/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6	—	—	8.50E-02	mg/L	—	—	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6	—	—	8.50E-02	mg/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.43	—	—	8.50E-02	mg/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.74	—	—	8.50E-02	mg/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.74	—	—	8.50E-02	mg/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.64	—	—	8.50E-02	mg/L	E	J	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.29	—	—	8.50E-02	mg/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7	—	—	8.50E-02	mg/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.96	—	—	5.00E-02	mg/L	—	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.94	—	—	5.00E-02	mg/L	E	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.83	—	—	5.00E-02	mg/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.72	—	—	5.00E-02	mg/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	E	J	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.87	—	—	5.00E-02	mg/L	—	J	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.68	—	—	5.00E-02	mg/L	E	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.94	—	—	1.00E-01	mg/L	—	—	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.59	—	—	1.00E-01	mg/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.37	—	—	4.50E-02	mg/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	216	—	—	1.00E+00	uS/cm	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	212	—	—	1.00E+00	uS/cm	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	1.00E-02	SU	H	J-	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	1.00E-02	SU	H	J-	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2700	—	—	6.80E+01	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	8210	—	—	6.80E+01	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.1	—	—	1.00E+00	ug/L	—	—	10-4534	CAWA-10-25783	GELC

Table C-2 Water Canyon 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
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.6	—	—	1.00E+00	ug/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1.00E+00	ug/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.9	—	—	1.00E+00	ug/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27	—	—	1.00E+00	ug/L	—	—	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	53.8	—	—	1.00E+00	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	118	—	—	1.00E+00	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.87	—	—	2.50E+00	ug/L	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.21	—	—	1.50E+00	ug/L	J	J	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	117	—	—	1.30E+01	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	70.8	—	—	2.50E+00	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.63	—	—	1.00E+00	ug/L	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.43	—	—	1.00E+00	ug/L	J	J	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.15	—	—	1.00E+00	ug/L	J	J	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	14.2	—	—	1.00E+00	ug/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	3.93	—	—	1.00E+00	ug/L	J	J	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	14.1	—	—	1.00E+00	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	52.4	—	—	1.00E+00	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.18	—	—	3.00E+00	ug/L	J	J	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	14	—	—	3.00E+00	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	49.4	—	—	3.00E+00	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	54.8	—	—	3.00E+01	ug/L	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	95.9	—	—	3.00E+01	ug/L	J	U	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2870	—	—	3.00E+01	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	10500	—	—	3.00E+01	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	3.06	—	—	5.00E-01	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	10.6	—	—	5.00E-01	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	22	—	—	2.00E+00	ug/L	—	—	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12	—	—	2.00E+00	ug/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	13.1	—	—	2.00E+00	ug/L	—	U	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	93.8	—	—	2.00E+00	ug/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	26.6	—	—	2.00E+00	ug/L	—	—	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	61.1	—	—	2.00E+00	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	209	—	—	2.00E+00	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.65	—	—	1.00E-01	ug/L	—	—	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.84	—	—	1.00E-01	ug/L	—	J	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.58	—	—	1.00E-01	ug/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.9	—	—	1.00E-01	ug/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.63	—	—	1.00E-01	ug/L	—	J	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	17.6	—	—	1.00E-01	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	15.1	—	—	1.00E-01	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.83	—	—	5.00E-01	ug/L	—	—	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.97	—	—	5.00E-01	ug/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.69	—	—	5.00E-01	ug/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.33	—	—	5.00E-01	ug/L	—	—	09-2296	CAPA-09-9630	GELC

Table C-2 Water Canyon 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
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.56	—	—	5.00E-01	ug/L	—	—	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	73.2	—	—	5.00E-01	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	36.9	—	—	5.00E-01	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1.00E+00	ug/L	—	—	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	ug/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	144	—	—	1.00E+00	ug/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1.00E+00	ug/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1.00E+00	ug/L	—	—	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	177	—	—	1.00E+00	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.374	—	—	5.00E-02	ug/L	—	—	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.318	—	—	5.00E-02	ug/L	—	—	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.332	—	—	5.00E-02	ug/L	—	—	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.331	—	—	5.00E-02	ug/L	—	—	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.4	—	—	5.00E-02	ug/L	—	—	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.77	—	—	5.00E-02	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.02	—	—	1.00E+00	ug/L	J	U	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.84	—	—	1.00E+00	ug/L	J	J	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.67	—	—	1.00E+00	ug/L	J	J	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.95	—	—	3.30E+00	ug/L	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	8771	150	04/05/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	8771	150	01/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10.4	—	—	3.30E+00	ug/L	—	U	10-1232	CAWA-10-9257	GELC
R-26 PZ-2	8771	150	06/11/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.36	—	—	2.00E+00	ug/L	J	J	09-2296	CAPA-09-9630	GELC
R-26 PZ-2	8771	150	04/15/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.08	—	—	2.00E+00	ug/L	J	J	09-1484	CAMO-09-7929	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.3	—	—	3.30E+00	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	38.7	—	—	3.30E+00	ug/L	—	—	10-2679	CAWA-10-15178	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	EQB	Svoa	SW-846:8270C	Diethylphthalate	—	14.8	—	—	2.40E+00	ug/L	—	—	10-4534	CAWA-10-25785	GELC
R-26 PZ-2	8771	150	09/10/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.6	—	—	3.00E-01	ug/L	—	—	10-4534	CAWA-10-25784	GELC
R-26 PZ-2	8771	150	04/05/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.24	—	—	3.00E-01	ug/L	—	—	10-2678	CAWA-10-15178	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.1	—	—	7.30E-01	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.63	—	—	3.00E-02	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	5.00E-02	mg/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	3.00E-02	mg/L	—	—	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.53	—	—	6.60E-02	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.51	—	—	6.60E-02	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.42	—	—	6.60E-02	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.55	—	—	6.60E-02	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.206	—	—	3.30E-02	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.201	—	—	3.30E-02	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.363	—	—	3.30E-02	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.234	—	—	3.30E-02	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	3.50E-01	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	3.50E-01	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.2	—	—	3.50E-01	mg/L	—	—	09-1414	CAWA-09-5664	GELC

Table C-2 Water Canyon 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
R-27	6991	852	09/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	3.50E-01	mg/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	3.50E-01	mg/L	—	—	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.5	—	—	3.50E-01	mg/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.4	—	—	3.50E-01	mg/L	—	—	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.14	—	—	8.50E-02	mg/L	E	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	8.50E-02	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	8.50E-02	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.17	—	—	8.50E-02	mg/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	8.50E-02	mg/L	—	—	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.29	—	—	8.50E-02	mg/L	—	—	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.294	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.405	—	—	5.00E-02	mg/L	—	J	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.181	—	—	5.00E-02	mg/L	J	U	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.295	—	—	5.00E-02	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.344	—	—	5.00E-02	mg/L	—	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.228	—	—	5.00E-02	ug/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.207	—	—	5.00E-02	ug/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.222	—	—	5.00E-02	ug/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.216	—	—	5.00E-02	ug/L	—	J	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	5.00E-02	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.33	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.36	—	—	5.00E-02	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.3	—	—	5.00E-02	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	5.00E-02	mg/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.33	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.39	—	—	5.00E-02	mg/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.39	—	—	5.00E-02	mg/L	—	—	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.56	—	—	4.50E-02	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.87	—	—	1.00E-01	mg/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	4.50E-02	mg/L	—	—	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	115	—	—	1.00E+00	uS/cm	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1.00E+00	uS/cm	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	uS/cm	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	117	—	—	1.00E+00	uS/cm	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.52	—	—	1.00E-01	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.51	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.37	—	—	1.00E-01	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.48	—	—	1.00E-01	mg/L	—	J-	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.40E+00	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.40E+00	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	112	—	—	2.40E+00	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	2.40E+00	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.433	—	—	3.30E-01	mg/L	J	J	10-4587	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.426	—	—	3.30E-01	mg/L	J	J	10-2716	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.639	—	—	3.30E-01	mg/L	J	J	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J-	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	1.00E-02	SU	H	J-	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	09-1414	CAWA-09-5664	GELC

Table C-2 Water Canyon 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
R-27	6991	852	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.6	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.7	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.7	—	—	1.00E+00	ug/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.1	—	—	1.00E+00	ug/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.1	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.4	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1.00E+00	ug/L	—	—	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.59	—	—	2.50E+00	ug/L	J	J	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.63	—	—	2.50E+00	ug/L	J	J	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.88	—	—	1.50E+00	ug/L	J	J	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.34	—	—	2.50E+00	ug/L	J	J	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.11	—	—	2.50E+00	ug/L	J	J	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.93	—	—	1.50E+00	ug/L	J	J	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.95	—	—	1.00E-01	ug/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.972	—	—	1.00E-01	ug/L	—	U	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.05	—	—	1.00E-01	ug/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.949	—	—	1.00E-01	ug/L	—	U	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.949	—	—	1.00E-01	ug/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.988	—	—	1.00E-01	ug/L	—	U	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	1.00E-01	ug/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.952	—	—	1.00E-01	ug/L	—	U	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.6	—	—	5.30E-02	mg/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.3	—	—	5.30E-02	mg/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.7	—	—	5.30E-02	mg/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.2	—	—	3.20E-02	mg/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	47.3	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.9	—	—	1.00E+00	ug/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.7	—	—	1.00E+00	ug/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.8	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.3	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.2	—	—	1.00E+00	ug/L	—	—	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.542	—	—	5.00E-02	ug/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.497	—	—	5.00E-02	ug/L	—	U	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.494	—	—	5.00E-02	ug/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.52	—	—	5.00E-02	ug/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.539	—	—	5.00E-02	ug/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.525	—	—	5.00E-02	ug/L	—	U	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.49	—	—	5.00E-02	ug/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.52	—	—	5.00E-02	ug/L	—	—	09-1414	CAWA-09-5665	GELC
R-27	6991	852	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.51	—	—	1.00E+00	ug/L	—	—	10-4588	CAWA-10-25889	GELC
R-27	6991	852	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.52	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15305	GELC
R-27	6991	852	10/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.33	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-14159	GELC
R-27	6991	852	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.75	—	—	1.00E+00	ug/L	—	—	09-1414	CAWA-09-5664	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.43	—	—	1.00E+00	ug/L	—	—	10-4602	CAWA-10-25888	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.7	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.29	—	—	1.00E+00	ug/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.15	—	—	1.00E+00	ug/L	—	—	09-1414	CAWA-09-5665	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	1.23E-03	1.90E-02	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00112	1.56E-03	3.17E-02	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.032	5.57E-03	6.53E-02	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00548	1.27E-03	4.50E-02	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00636	2.90E-03	4.60E-02	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC

Table C-2 Water Canyon 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
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00897	2.27E-03	2.40E-02	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00934	1.64E-03	3.46E-02	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0109	3.31E-03	4.56E-02	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.227	5.33E-01	5.10E+00	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.64	4.17E-01	4.43E+00	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.108	5.23E-01	4.60E+00	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.428	4.33E-01	4.40E+00	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.595	4.00E-01	4.00E+00	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.01	5.00E-01	3.70E+00	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.45	2.75E-01	2.91E+00	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.47	3.90E-01	4.21E+00	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.24	4.00E-01	4.70E+00	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.69	4.63E-01	5.05E+00	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.02	4.57E-01	4.73E+00	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0674	4.67E-01	4.50E+00	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.714	4.00E-01	3.80E+00	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.49	4.67E-01	5.00E+00	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.42	3.33E-01	2.69E+00	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.967	4.03E-01	3.61E+00	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.12	1.62E-01	1.35E+00	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.284	7.90E-02	8.03E-01	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	02/02/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.311	1.56E-01	1.79E+00	—	pCi/L	U	U	180371	GF070100GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.935	2.27E-01	2.20E+00	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0844	1.37E-01	1.80E+00	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.00325	1.29E-01	1.62E+00	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.35	1.06E-01	8.37E-01	—	pCi/L	—	J	183494	GU070300GR2701	GELC
R-27	6991	852	02/02/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0242	1.12E-01	1.49E+00	—	pCi/L	U	U	180371	GU070100GR2701	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.44	2.41E-01	2.32E+00	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.01	2.46E-01	2.19E+00	—	pCi/L	—	J	183494	GF070300GR2701	GELC
R-27	6991	852	02/02/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.16	1.58E-01	1.54E+00	—	pCi/L	U	U	180371	GF070100GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.0283	2.23E-01	2.50E+00	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.32	2.47E-01	2.40E+00	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.88	5.07E-01	3.86E+00	—	pCi/L	—	J	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.84	3.90E-01	2.94E+00	—	pCi/L	—	—	183494	GU070300GR2701	GELC
R-27	6991	852	02/02/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.79	1.49E-01	1.34E+00	—	pCi/L	—	J	180371	GU070100GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	15.2	7.33E+00	3.60E+01	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	53.7	1.72E+01	1.83E+02	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	70.7	3.05E+01	2.85E+02	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	20.9	2.43E+00	2.10E+01	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	48.7	8.00E+00	5.10E+01	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	3.92	7.33E+00	1.80E+01	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	57	1.60E+01	1.87E+02	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	71	2.28E+01	2.60E+02	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.4	3.00E+00	2.70E+01	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.28	3.53E+00	3.17E+01	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.15	3.21E+00	3.25E+01	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.0686	8.67E-01	8.40E+00	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12	3.33E+00	3.40E+01	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.68	3.67E+00	3.60E+01	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.01	3.05E+00	2.83E+01	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.1	3.67E+00	3.41E+01	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00167	9.67E-04	2.50E-02	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0209	2.47E-03	3.31E-02	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00213	2.36E-03	2.19E-02	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.33E-04	3.10E-02	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00434	1.43E-03	3.60E-02	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00409	1.67E-03	3.10E-02	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC

Table C-2 Water Canyon 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
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00391	2.26E-03	3.41E-02	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00807	2.34E-03	1.75E-02	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00334	1.57E-03	2.90E-02	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0019	1.68E-03	3.12E-02	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0064	1.23E-03	3.16E-02	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.90E-03	4.60E-02	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00217	1.27E-03	3.50E-02	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00204	1.80E-03	3.50E-02	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00195	1.13E-03	3.20E-02	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00902	2.14E-03	2.56E-02	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.44	5.67E+00	6.50E+01	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-23	4.90E+00	4.57E+01	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.5	6.00E+00	6.00E+01	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.9	6.67E+00	7.80E+01	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-44.4	5.67E+00	5.10E+01	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.7	6.67E+00	6.40E+01	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.7	4.90E+00	3.62E+01	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.2	5.40E+00	5.86E+01	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.55	4.33E-01	3.60E+00	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.768	4.63E-01	3.49E+00	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.94	4.83E-01	5.21E+00	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	3.1	4.33E-01	5.30E+00	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.112	4.67E-01	4.60E+00	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.37	4.67E-01	5.20E+00	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.477	3.87E-01	3.91E+00	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.876	4.03E-01	4.19E+00	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0418	4.33E-02	4.80E-01	—	pCi/L	U	U	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.103	2.24E-02	2.21E-01	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.174	3.17E-02	4.13E-01	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.283	5.00E-02	4.60E-01	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.203	4.00E-02	4.10E-01	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.26	5.00E-02	4.90E-01	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00561	2.13E-02	2.19E-01	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0111	4.30E-02	4.84E-01	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.397	1.10E-02	5.10E-02	—	pCi/L	—	J-	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.289	1.04E-02	6.17E-02	—	pCi/L	—	—	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.357	1.14E-02	5.46E-02	—	pCi/L	—	—	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.275	1.00E-02	5.30E-02	—	pCi/L	—	—	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.277	1.03E-02	7.20E-02	—	pCi/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.266	9.33E-03	6.00E-02	—	pCi/L	—	—	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.34	1.17E-02	6.57E-02	—	pCi/L	—	—	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.359	1.13E-02	5.34E-02	—	pCi/L	—	—	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0108	1.90E-03	2.70E-02	—	pCi/L	U	UJ	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00265	2.93E-03	3.66E-02	—	pCi/L	U	U	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0271	2.78E-03	3.47E-02	—	pCi/L	U	U	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0145	2.00E-03	2.70E-02	—	pCi/L	U	U	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0175	2.53E-03	3.70E-02	—	pCi/L	U	U	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.019	2.73E-03	3.10E-02	—	pCi/L	U	U	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0141	2.50E-03	3.90E-02	—	pCi/L	U	U	196605	GU071000GR2701	GELC
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0314	3.17E-03	3.39E-02	—	pCi/L	U	U	183494	GU070300GR2701	GELC
R-27	6991	852	10/10/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.19	6.67E-03	2.80E-02	—	pCi/L	—	J-	09-80	CAWA-08-16056	GELC
R-27	6991	852	10/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0964	5.80E-03	4.11E-02	—	pCi/L	—	J	196605	GF071000GR2701	GELC
R-27	6991	852	03/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.168	6.93E-03	4.16E-02	—	pCi/L	—	—	183494	GF070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.16	7.33E-03	2.30E-02	—	pCi/L	—	—	10-4589	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.158	7.00E-03	4.40E-02	—	pCi/L	—	—	10-76	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.164	6.33E-03	3.30E-02	—	pCi/L	—	—	09-80	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.162	7.30E-03	4.38E-02	—	pCi/L	—	—	196605	GU071000GR2701	GELC

Table C-2 Water Canyon 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
R-27	6991	852	03/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.168	7.07E-03	4.07E-02	—	pCi/L	—	—	183494	GU070300GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	4.01	—	—	2.20E+00	ug/L	J	J	10-4587	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.2	—	—	2.30E+00	ug/L	U	U	10-75	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11	—	—	2.20E+00	ug/L	U	U	09-79	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.9	—	—	2.38E+00	ug/L	U	—	196605	GU071000GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	—	0.4	—	—	2.20E-01	ug/L	J	J	10-4587	CAWA-10-25888	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1.12	—	—	2.30E-01	ug/L	U	U	10-75	CAWA-09-14161	GELC
R-27	6991	852	10/10/08	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1.1	—	—	2.20E-01	ug/L	U	UJ	09-79	CAWA-08-16054	GELC
R-27	6991	852	10/26/07	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1.19	—	—	2.38E-01	ug/L	U	—	196605	GU071000GR2701	GELC
R-27	6991	852	09/14/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.33	—	—	3.00E-01	ug/L	J	J	10-4587	CAWA-10-25890	GELC
R-27	6991	852	04/09/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-2716	CAWA-10-15306	GELC
R-27	6991	852	10/07/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	10-75	CAWA-09-14161	GELC
R-27	6991	852	04/07/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-1413	CAWA-09-5665	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47.9	—	—	7.30E-01	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47.1	—	—	7.30E-01	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.4	—	—	7.30E-01	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.4	—	—	5.00E-02	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.55	—	—	5.00E-02	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.05	—	—	5.00E-02	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.45	—	—	5.00E-02	mg/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.3	—	—	5.00E-02	mg/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.16	—	—	5.00E-02	mg/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.38	—	—	6.60E-02	mg/L	—	J+	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.36	—	—	6.60E-02	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.38	—	—	6.60E-02	mg/L	—	J	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.165	—	—	3.30E-02	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.197	—	—	3.30E-02	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.203	—	—	3.30E-02	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.9	—	—	3.50E-01	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.3	—	—	3.50E-01	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.1	—	—	3.50E-01	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.2	—	—	3.50E-01	mg/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.5	—	—	3.50E-01	mg/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30	—	—	3.50E-01	mg/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.4	—	—	8.50E-02	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.43	—	—	8.50E-02	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.55	—	—	8.50E-02	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.44	—	—	8.50E-02	mg/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.37	—	—	8.50E-02	mg/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.34	—	—	8.50E-02	mg/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.058	—	—	5.00E-02	mg/L	J	J	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.377	—	—	5.00E-02	mg/L	—	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.19	—	—	5.00E-02	mg/L	J	U	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.134	—	—	5.00E-02	ug/L	J	J	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.118	—	—	5.00E-02	ug/L	J	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.124	—	—	5.00E-02	ug/L	J	J	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.897	—	—	5.00E-02	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.933	—	—	5.00E-02	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.981	—	—	5.00E-02	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.916	—	—	5.00E-02	mg/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.928	—	—	5.00E-02	mg/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.878	—	—	5.00E-02	mg/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.45	—	—	1.00E-01	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.7	—	—	1.00E-01	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.31	—	—	1.00E-01	mg/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.38	—	—	1.00E-01	mg/L	—	—	10-2803	CAWA-10-15169	GELC

Table C-2 Water Canyon 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
R-27i	8911	619	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.54	—	—	1.00E-01	mg/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	102	—	—	1.00E+00	uS/cm	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	102	—	—	1.00E+00	uS/cm	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	107	—	—	1.00E+00	uS/cm	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.97	—	—	1.00E-01	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.03	—	—	1.00E-01	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.77	—	—	1.00E-01	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	J	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	117	—	—	2.40E+00	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.47	—	—	3.30E-01	mg/L	J	J	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.408	—	—	3.30E-01	mg/L	J	J	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-915	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.197	—	—	1.50E-02	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.061	—	—	1.50E-02	mg/L	—	U	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.07	—	—	1.50E-02	mg/L	—	U	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.32	—	—	1.00E-02	SU	H	J-	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.45	—	—	1.00E-02	SU	H	J-	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.42	—	—	1.00E-02	SU	H	J-	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.6	—	—	1.00E+00	ug/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	11.5	—	—	1.00E+00	ug/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.7	—	—	1.00E+00	ug/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.5	—	—	1.00E+00	ug/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.5	—	—	1.00E+00	ug/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.5	—	—	1.00E+00	ug/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.98	—	—	2.00E+00	ug/L	J	J	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.86	—	—	2.00E+00	ug/L	J	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.6	—	—	2.00E+00	ug/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.1	—	—	2.00E+00	ug/L	J	J	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.82	—	—	2.00E+00	ug/L	J	J	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.9	—	—	2.00E+00	ug/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	1.00E-01	ug/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.42	—	—	1.00E-01	ug/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.75	—	—	1.00E-01	ug/L	—	J	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.56	—	—	1.00E-01	ug/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	ug/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.81	—	—	1.00E-01	ug/L	—	J	10-916	CAWA-10-5479	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.749	—	—	5.00E-01	ug/L	J	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.894	—	—	5.00E-01	ug/L	J	J	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.67	—	—	5.00E-01	ug/L	J	J	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.557	—	—	5.00E-01	ug/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.1	—	—	5.30E-02	mg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.8	—	—	5.30E-02	mg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.7	—	—	5.30E-02	mg/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.8	—	—	1.00E+00	ug/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.6	—	—	1.00E+00	ug/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.9	—	—	1.00E+00	ug/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.6	—	—	1.00E+00	ug/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.3	—	—	1.00E+00	ug/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45	—	—	1.00E+00	ug/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.354	—	—	3.00E-01	ug/L	J	J	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	10-916	CAWA-10-5480	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.276	—	—	5.00E-02	ug/L	—	—	10-4665	CAWA-10-25904	GELC

Table C-2 Water Canyon 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
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.252	—	—	5.00E-02	ug/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.265	—	—	5.00E-02	ug/L	—	U	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.289	—	—	5.00E-02	ug/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.245	—	—	5.00E-02	ug/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.263	—	—	5.00E-02	ug/L	—	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.63	—	—	1.00E+00	ug/L	J	J	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.47	—	—	1.00E+00	ug/L	J	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.25	—	—	1.00E+00	ug/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.59	—	—	1.00E+00	ug/L	J	J	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.64	—	—	1.00E+00	ug/L	J	J	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.23	—	—	1.00E+00	ug/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.84	—	—	3.30E+00	ug/L	J	J	10-4665	CAWA-10-25904	GELC
R-27i	8911	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.01	—	—	3.30E+00	ug/L	J	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	619	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.68	—	—	3.30E+00	ug/L	—	—	10-916	CAWA-10-5480	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.22	—	—	3.30E+00	ug/L	J	J	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.67	—	—	3.30E+00	ug/L	J	J	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.94	—	—	3.30E+00	ug/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00501	1.30E-03	3.50E-02	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00445	1.13E-03	2.20E-02	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00272	1.17E-03	3.40E-02	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.54	4.67E-01	4.00E+00	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.901	3.33E-01	3.70E+00	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.324	6.67E-01	6.30E+00	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0	—	4.30E+00	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0567	3.67E-01	3.50E+00	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.34	6.67E-01	6.80E+00	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.427	9.67E-02	2.20E+00	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.739	2.17E-01	2.30E+00	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.5	1.90E-01	2.10E+00	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.801	2.17E-01	2.20E+00	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.895	1.97E-01	2.50E+00	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.762	2.33E-01	2.40E+00	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	152	8.33E+00	8.30E+01	—	pCi/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	59.7	3.33E+00	4.50E+01	—	pCi/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	297	3.17E+01	1.80E+02	—	pCi/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.81	9.67E-01	8.70E+00	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.71	2.53E+00	2.50E+01	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.65	5.33E+00	5.20E+01	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0016	9.33E-04	1.80E-02	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.33E-04	3.50E-02	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00163	5.33E-04	2.40E-02	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0112	1.60E-03	3.10E-02	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00375	9.00E-04	2.20E-02	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	5.33E-04	2.60E-02	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.6	5.33E+00	5.60E+01	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.91	5.00E+00	4.60E+01	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-37.9	7.33E+00	7.20E+01	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.123	4.33E-01	4.10E+00	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.159	2.77E-01	2.60E+00	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.52	6.00E-01	5.10E+00	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0946	4.33E-02	4.80E-01	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.313	5.00E-02	4.90E-01	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0173	4.67E-02	4.90E-01	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.158	8.00E-03	6.90E-02	—	pCi/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.173	8.33E-03	5.10E-02	—	pCi/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.171	7.33E-03	6.40E-02	—	pCi/L	—	—	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0127	2.13E-03	3.50E-02	—	pCi/L	U	U	10-4665	CAWA-10-25906	GELC

Table C-2 Water Canyon 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
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00648	1.53E-03	4.10E-02	—	pCi/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0121	1.83E-03	3.40E-02	—	pCi/L	U	U	10-916	CAWA-10-5479	GELC
R-27i	8911	619	09/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.077	5.33E-03	3.00E-02	—	pCi/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	619	04/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0865	5.67E-03	3.70E-02	—	pCi/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	619	12/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0742	4.67E-03	4.00E-02	—	pCi/L	—	—	10-916	CAWA-10-5479	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.8	—	—	7.30E-01	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.6	—	—	7.30E-01	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70.9	—	—	7.30E-01	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.61	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	5.00E-02	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.92	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	5.00E-02	mg/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.82	—	—	6.60E-02	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.3	—	—	6.60E-02	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.97	—	—	6.60E-02	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.145	—	—	3.30E-02	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.163	—	—	3.30E-02	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.116	—	—	3.30E-02	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.7	—	—	3.50E-01	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.5	—	—	3.50E-01	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	3.50E-01	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.7	—	—	3.50E-01	mg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	3.50E-01	mg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	3.50E-01	mg/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.35	—	—	8.50E-02	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.51	—	—	8.50E-02	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.42	—	—	8.50E-02	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.4	—	—	8.50E-02	mg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	8.50E-02	mg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.68	—	—	8.50E-02	mg/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.483	—	—	5.00E-02	mg/L	—	J	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.372	—	—	5.00E-02	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.489	—	—	5.00E-02	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.272	—	—	5.00E-02	ug/L	—	J+	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.231	—	—	5.00E-02	ug/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.222	—	—	5.00E-02	ug/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.56	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.739	—	—	5.00E-02	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.882	—	—	5.00E-02	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.558	—	—	5.00E-02	mg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.775	—	—	5.00E-02	mg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.912	—	—	5.00E-02	mg/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	1.00E-01	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.3	—	—	1.00E-01	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	30.3	—	—	1.00E-01	mg/L	—	J+	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	1.00E-01	mg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.9	—	—	1.00E-01	mg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	31.3	—	—	1.00E-01	mg/L	—	J+	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	150	—	—	1.00E+00	uS/cm	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1.00E+00	uS/cm	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.65	—	—	1.00E-01	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.9	—	—	1.00E-01	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.5	—	—	1.00E-01	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	2.40E+00	mg/L	—	—	10-4722	CAWA-10-25907	GELC

Table C-2 Water Canyon 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
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.40E+00	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.25	—	—	3.30E-01	mg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.33	—	—	3.30E-01	mg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.938	—	—	3.30E-01	mg/L	J	J	10-1049	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.53	—	—	1.00E-02	SU	H	J-	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	1.00E-02	SU	H	J-	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.51	—	—	1.00E-02	SU	H	J-	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	UJ	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	73.1	—	—	6.80E+01	ug/L	J	J	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	73.5	—	—	6.80E+01	ug/L	J	J	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	190	—	—	6.80E+01	ug/L	J	J+	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	569	—	—	6.80E+01	ug/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.48	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.1	—	—	1.00E+00	ug/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.1	—	—	1.00E+00	ug/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.02	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.3	—	—	1.00E+00	ug/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.3	—	—	1.00E+00	ug/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.64	—	—	2.50E+00	ug/L	J	J	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.78	—	—	2.50E+00	ug/L	J	J	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.79	—	—	2.50E+00	ug/L	J	J	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	50	—	—	1.30E+01	ug/L	U	U	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	42.9	—	—	3.00E+01	ug/L	J	J+	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	55.6	—	—	3.00E+01	ug/L	J	J	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	68.2	—	—	3.00E+01	ug/L	J	J	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	214	—	—	3.00E+01	ug/L	—	J+	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	465	—	—	3.00E+01	ug/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	31.6	—	—	2.00E+00	ug/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	64.6	—	—	2.00E+00	ug/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	95.2	—	—	2.00E+00	ug/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	32.8	—	—	2.00E+00	ug/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	68.2	—	—	2.00E+00	ug/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	105	—	—	2.00E+00	ug/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.9	—	—	1.00E-01	ug/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.09	—	—	1.00E-01	ug/L	—	J	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	8.16	—	—	1.00E-01	ug/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.92	—	—	1.00E-01	ug/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.07	—	—	1.00E-01	ug/L	—	J	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	8.29	—	—	1.00E-01	ug/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.58	—	—	5.00E-01	ug/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.44	—	—	5.00E-01	ug/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.52	—	—	5.00E-01	ug/L	J	J	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	5.00E-01	ug/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.9	—	—	5.00E-01	ug/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	10	—	—	2.50E+00	ug/L	U	U	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.9	—	—	5.30E-02	mg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.8	—	—	5.30E-02	mg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.5	—	—	5.30E-02	mg/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.8	—	—	1.00E+00	ug/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	66	—	—	1.00E+00	ug/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.9	—	—	1.00E+00	ug/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.9	—	—	1.00E+00	ug/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70.7	—	—	1.00E+00	ug/L	—	—	10-1050	CAWA-10-6910	GELC

Table C-2 Water Canyon 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
R-47i	8921	840	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	ug/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.506	—	—	5.00E-02	ug/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.686	—	—	5.00E-02	ug/L	—	—	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.618	—	—	5.00E-02	ug/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.591	—	—	5.00E-02	ug/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.864	—	—	5.00E-02	ug/L	—	—	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.24	—	—	1.00E+00	ug/L	J	J	10-4722	CAWA-10-25907	GELC
R-47i	8921	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.21	—	—	1.00E+00	ug/L	J	J	10-2707	CAWA-10-15222	GELC
R-47i	8921	840	12/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.88	—	—	1.00E+00	ug/L	J	U	10-1050	CAWA-10-6911	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.31	—	—	1.00E+00	ug/L	J	J	10-4722	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.46	—	—	1.00E+00	ug/L	J	J	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.01	—	—	1.00E+00	ug/L	J	U	10-1050	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00955	1.17E-03	3.20E-02	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0000492	7.67E-04	2.30E-02	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00705	1.27E-03	3.60E-02	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.465	5.67E-01	5.70E+00	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.21	2.47E-01	2.40E+00	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.72	5.67E-01	5.20E+00	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	4.54	6.00E-01	7.20E+00	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.861	2.37E-01	2.50E+00	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.00788	5.67E-01	5.70E+00	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0831	1.33E-01	2.20E+00	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0596	1.50E-01	2.20E+00	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.83	3.67E-01	2.70E+00	—	pCi/L	—	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.01	3.33E-01	2.90E+00	—	pCi/L	—	—	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.331	2.10E-01	2.50E+00	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.99	3.17E-01	2.90E+00	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	4.74	1.17E+00	4.30E+00	—	pCi/L	—	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	79.2	5.00E+00	5.40E+01	—	pCi/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	90	1.00E+01	8.00E+01	—	pCi/L	—	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.59	9.67E-01	9.20E+00	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.9	2.40E+00	2.40E+01	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	21	5.33E+00	5.30E+01	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00156	5.33E-04	1.80E-02	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00419	1.00E-03	3.90E-02	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0102	1.53E-03	3.00E-02	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.03E-03	3.00E-02	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00209	7.00E-04	2.50E-02	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0102	1.80E-03	3.20E-02	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.5	7.00E+00	7.40E+01	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-25.5	4.33E+00	3.20E+01	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.51	8.67E+00	8.10E+01	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.99	5.67E-01	6.40E+00	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.352	2.47E-01	2.50E+00	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.06	4.67E-01	5.30E+00	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0922	4.33E-02	4.80E-01	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.137	4.00E-02	4.80E-01	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.102	3.67E-02	4.70E-01	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.446	1.57E-02	7.10E-02	—	pCi/L	—	—	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.436	1.53E-02	5.00E-02	—	pCi/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.628	2.13E-02	1.10E-01	—	pCi/L	—	—	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00327	1.10E-03	3.60E-02	—	pCi/L	U	U	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0128	2.13E-03	4.00E-02	—	pCi/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0323	4.00E-03	5.60E-02	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	840	09/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.167	8.00E-03	3.10E-02	—	pCi/L	—	—	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.178	8.33E-03	3.60E-02	—	pCi/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.291	1.23E-02	6.70E-02	—	pCi/L	—	—	10-1051	CAWA-10-6910	GELC

Table C-2 Water Canyon 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
R-47i	8921	840	09/23/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	10.1	—	—	2.00E+00	ug/L	—	—	10-4721	CAWA-10-25908	GELC
R-47i	8921	840	04/08/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	12	—	—	2.40E+00	ug/L	U	U	10-2708	CAWA-10-15220	GELC
R-47i	8921	840	12/21/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.20E+00	ug/L	U	U	10-1049	CAWA-10-6910	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.1	—	—	7.30E-01	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.7	—	—	7.30E-01	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.032	—	—	1.60E-02	mg/L	J	J-	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.04	—	—	1.60E-02	mg/L	J	J-	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.029	—	—	1.60E-02	mg/L	J	U	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.025	—	—	1.60E-02	mg/L	J	U	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	24.3	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.97	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.93	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.6	—	—	5.00E-02	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	9.53	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.75	—	—	5.00E-02	mg/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2.39	—	—	6.60E-02	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.35	—	—	6.60E-02	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.36	—	—	6.60E-02	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.31	—	—	6.60E-02	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.162	—	—	3.30E-02	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.156	—	—	3.30E-02	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.168	—	—	3.30E-02	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.163	—	—	3.30E-02	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	78.2	—	—	3.50E-01	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.1	—	—	3.50E-01	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.2	—	—	3.50E-01	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.9	—	—	3.50E-01	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	36.6	—	—	3.50E-01	mg/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	3.50E-01	mg/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.4	—	—	3.50E-01	mg/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.23	—	—	8.50E-02	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.21	—	—	8.50E-02	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.25	—	—	8.50E-02	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.15	—	—	8.50E-02	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.1	—	—	8.50E-02	mg/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.26	—	—	8.50E-02	mg/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	8.50E-02	mg/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.161	—	—	1.00E-02	mg/L	—	J	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.178	—	—	1.00E-02	mg/L	—	J	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.348	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.288	—	—	5.00E-02	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.288	—	—	5.00E-02	ug/L	—	J+	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.296	—	—	5.00E-02	ug/L	—	J+	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.295	—	—	5.00E-02	ug/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.29	—	—	5.00E-02	ug/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.05	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.3	—	—	5.00E-02	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.19	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.26	—	—	5.00E-02	mg/L	—	—	10-4717	CAWA-10-25893	GELC

Table C-2 Water Canyon 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
R-48	8881	1500	04/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	5.00E-02	mg/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	14	—	—	1.00E-01	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	1.00E-01	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	1.00E-01	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	1.00E-01	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	1.00E-01	mg/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	1.00E-01	mg/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	1.00E-01	mg/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	1.00E-01	mg/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	uS/cm	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	136	—	—	1.00E+00	uS/cm	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1.00E+00	uS/cm	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1.00E+00	uS/cm	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.96	—	—	1.00E-01	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.89	—	—	1.00E-01	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.84	—	—	1.00E-01	mg/L	—	J+	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7	—	—	1.00E-01	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	116	—	—	2.40E+00	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	2.40E+00	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	122	—	—	2.40E+00	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	1.42	—	—	3.30E-01	mg/L	—	—	10-4716	CAWA-10-25895	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.646	—	—	3.30E-01	mg/L	J	J	10-2696	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-1926	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.365	—	—	1.50E-02	mg/L	—	J	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.105	—	—	1.50E-02	mg/L	—	J	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.04	—	—	1.50E-02	mg/L	J	U	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.065	—	—	1.50E-02	mg/L	—	U	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.93	—	—	1.00E-02	SU	H	J-	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	1.00E-02	SU	H	J-	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	1.00E-02	SU	H	J-	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	10.1	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.6	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.1	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.8	—	—	1.00E+00	ug/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	12.9	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.2	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.5	—	—	1.00E+00	ug/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	42.4	—	—	1.50E+01	ug/L	J	J	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.15	—	—	2.50E+00	ug/L	J	J	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.11	—	—	2.50E+00	ug/L	J	J	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.25	—	—	2.50E+00	ug/L	J	J	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.75	—	—	2.50E+00	ug/L	J	J	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	769	—	—	3.00E+01	ug/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	34.3	—	—	3.00E+01	ug/L	J	J	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	59.7	—	—	3.00E+01	ug/L	J	J	10-2697	CAWA-10-15227	GELC

Table C-2 Water Canyon 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
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	72.3	—	—	3.00E+01	ug/L	J	J	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	132	—	—	3.00E+01	ug/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	387	—	—	3.00E+01	ug/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	559	—	—	3.00E+01	ug/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	6.6	—	—	2.00E+00	ug/L	J	J	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	29.2	—	—	2.00E+00	ug/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	31.1	—	—	2.00E+00	ug/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	50.1	—	—	2.00E+00	ug/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	26.7	—	—	2.00E+00	ug/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	29.6	—	—	2.00E+00	ug/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	29.7	—	—	2.00E+00	ug/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	52.1	—	—	2.00E+00	ug/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	3.08	—	—	1.00E-01	ug/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.02	—	—	1.00E-01	ug/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.9	—	—	1.00E-01	ug/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.45	—	—	1.00E-01	ug/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	2.97	—	—	1.00E-01	ug/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.02	—	—	1.00E-01	ug/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.18	—	—	1.00E-01	ug/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.24	—	—	1.00E-01	ug/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	2.99	—	—	5.00E-01	ug/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.9	—	—	5.00E-01	ug/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.63	—	—	5.00E-01	ug/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.34	—	—	5.00E-01	ug/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.32	—	—	5.00E-01	ug/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.91	—	—	5.00E-01	ug/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.61	—	—	5.00E-01	ug/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	49.5	—	—	5.30E-02	mg/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.2	—	—	5.30E-02	mg/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.7	—	—	5.30E-02	mg/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.7	—	—	5.30E-02	mg/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	170	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.4	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.6	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.2	—	—	1.00E+00	ug/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.3	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.4	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1.00E+00	ug/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.816	—	—	5.00E-02	ug/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.815	—	—	5.00E-02	ug/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.636	—	—	5.00E-02	ug/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.779	—	—	5.00E-02	ug/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	1.05	—	—	5.00E-02	ug/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.866	—	—	5.00E-02	ug/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.78	—	—	5.00E-02	ug/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.919	—	—	5.00E-02	ug/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25891	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.5	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15227	GELC
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.45	—	—	1.00E+00	ug/L	—	—	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.4	—	—	1.00E+00	ug/L	—	—	10-4717	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.1	—	—	1.00E+00	ug/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	ug/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	F	CS	FD	Metals	SW-846:6010B	Zinc	—	36.2	—	—	3.30E+00	ug/L	—	—	10-4717	CAWA-10-25896	GELC
R-48	8881	1500	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.41	—	—	3.30E+00	ug/L	J	J	10-2697	CAWA-10-15227	GELC

Table C-2 Water Canyon 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
R-48	8881	1500	02/17/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-1927	CAWA-10-13091	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18	—	—	3.30E+00	ug/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00813	1.20E-03	3.30E-02	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00663	9.67E-04	3.40E-02	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00868	1.30E-03	2.40E-02	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00625	1.57E-03	3.70E-02	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-0.57	4.67E-01	4.70E+00	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.55	4.00E-01	4.30E+00	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.4	5.33E-01	4.80E+00	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.25	4.00E-01	3.80E+00	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.253	4.67E-01	4.50E+00	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.771	4.33E-01	4.50E+00	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.07	5.67E-01	6.00E+00	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.798	3.67E-01	4.00E+00	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.81	2.70E-01	2.10E+00	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.88	2.80E-01	2.20E+00	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.91	1.90E-01	1.20E+00	—	pCi/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	11/23/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.446	2.57E-01	3.40E+00	—	pCi/L	U	U	10-675	CAWA-10-5475	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	1.61	2.40E-01	2.20E+00	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.64	2.77E-01	2.60E+00	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2	2.40E-01	2.00E+00	—	pCi/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.23	2.33E-01	2.20E+00	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	26.4	3.33E+00	1.50E+01	—	pCi/L	—	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	7.9	1.07E+00	4.90E+00	—	pCi/L	—	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	16	2.40E+00	1.60E+01	—	pCi/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	24	2.40E+00	2.60E+01	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	3.77	1.07E+00	1.10E+01	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.774	8.00E-01	7.80E+00	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.54	5.33E+00	4.80E+01	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.6	3.67E+00	3.60E+01	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00322	1.07E-03	1.80E-02	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	1.80E-02	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00234	2.80E-03	4.30E-02	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00238	8.00E-04	4.10E-02	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00645	1.30E-03	3.10E-02	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00968	1.43E-03	3.10E-02	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00234	2.60E-03	2.80E-02	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00238	1.77E-03	2.90E-02	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-7.82	5.67E+00	6.30E+01	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.9	5.00E+00	5.60E+01	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.4	7.00E+00	6.70E+01	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.1	6.00E+00	6.40E+01	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-2.5	5.33E-01	4.50E+00	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.329	4.33E-01	4.10E+00	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.12	4.67E-01	4.20E+00	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.964	4.00E-01	3.70E+00	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0717	4.67E-02	4.70E-01	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.105	3.67E-02	4.70E-01	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.099	4.67E-02	4.70E-01	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0883	4.67E-02	4.80E-01	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.387	1.40E-02	6.60E-02	—	pCi/L	—	—	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.435	1.57E-02	7.60E-02	—	pCi/L	—	—	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.456	1.63E-02	5.40E-02	—	pCi/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.4	1.83E-02	8.20E-02	—	pCi/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.00305	1.03E-03	3.30E-02	—	pCi/L	U	U	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.33E-03	3.90E-02	—	pCi/L	U	U	10-4718	CAWA-10-25893	GELC

Table C-2 Water Canyon 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
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0139	2.87E-03	4.40E-02	—	pCi/L	U	U	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.13E-03	6.50E-02	—	pCi/L	U	U	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.215	9.33E-03	2.90E-02	—	pCi/L	—	—	10-4718	CAWA-10-25895	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.313	1.23E-02	3.40E-02	—	pCi/L	—	—	10-4718	CAWA-10-25893	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.22	1.00E-02	4.00E-02	—	pCi/L	—	—	10-2697	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.27	1.43E-02	5.80E-02	—	pCi/L	—	—	10-1927	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FB	Svoa	SW-846:8270C	Diethylphthalate	—	15.4	—	—	2.20E+00	ug/L	—	—	10-4716	CAWA-10-25894	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.4	—	—	2.30E+00	ug/L	U	U	10-2696	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	ug/L	U	U	10-1926	CAWA-10-13090	GELC
R-48	8881	1500	09/22/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.43	—	—	3.00E-01	ug/L	J	J	10-4716	CAWA-10-25892	GELC
R-48	8881	1500	04/07/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-2696	CAWA-10-15226	GELC
R-48	8881	1500	02/17/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-1926	CAWA-10-13090	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.1	—	—	7.30E-01	mg/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.3	—	—	7.30E-01	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.8	—	—	7.30E-01	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.4	—	—	7.30E-01	mg/L	—	—	08-895	CAWA-08-11565	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.028	—	—	1.60E-02	mg/L	J	J-	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.25	—	—	1.50E-01	mg/L	U	U	08-895	CAWA-08-11565	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	5.00E-02	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.9	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.7	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	3.00E-02	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	3.00E-02	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.2	—	—	5.00E-02	mg/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.9	—	—	3.00E-02	mg/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	3.00E-02	mg/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.9	—	—	6.60E-02	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.1	—	—	6.60E-02	mg/L	—	J+	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	10/15/09	WG	F	RE	—	Geninorg	EPA:300.0	Chloride	—	19.1	—	—	6.60E-02	mg/L	—	J+	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24	—	—	1.30E-01	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.1	—	—	6.60E-02	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	23	—	—	1.30E-01	mg/L	—	—	08-895	CAWA-08-11565	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.114	—	—	3.30E-02	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.295	—	—	3.30E-02	mg/L	—	R	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	10/15/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.107	—	—	3.30E-02	mg/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.182	—	—	3.30E-02	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.161	—	—	3.30E-02	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.143	—	—	3.30E-02	mg/L	—	—	08-895	CAWA-08-11565	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.2	—	—	3.50E-01	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	86.8	—	—	3.50E-01	mg/L	—	—	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	69.6	—	—	3.50E-01	mg/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.3	—	—	3.50E-01	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	69.9	—	—	3.50E-01	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64.9	—	—	3.50E-01	mg/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.6	—	—	3.50E-01	mg/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.3	—	—	3.50E-01	mg/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	67.6	—	—	3.50E-01	mg/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.3	—	—	3.50E-01	mg/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.15	—	—	8.50E-02	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.17	—	—	8.50E-02	mg/L	—	—	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.54	—	—	8.50E-02	mg/L	—	—	10-148	CAWA-09-13701	GELC

Table C-2 Water Canyon 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
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.44	—	—	8.50E-02	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	8.50E-02	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.3	—	—	8.50E-02	mg/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.46	—	—	8.50E-02	mg/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.63	—	—	8.50E-02	mg/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.58	—	—	8.50E-02	mg/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.9	—	—	8.50E-02	mg/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.904	—	—	1.00E-01	mg/L	—	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.21	—	—	5.00E-02	mg/L	—	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.2	—	—	5.00E-02	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	1.13	—	—	5.00E-02	mg/L	—	U	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.72	—	—	5.00E-02	mg/L	—	—	08-895	CAWA-08-11565	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.569	—	—	5.00E-02	ug/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.721	—	—	5.00E-02	ug/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.574	—	—	5.00E-02	ug/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.72	—	—	5.00E-02	ug/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.511	—	—	5.00E-02	ug/L	—	—	08-895	CAWA-08-11565	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.19	—	—	5.00E-02	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.67	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.13	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.22	—	—	5.00E-02	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.16	—	—	5.00E-02	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.17	—	—	5.00E-02	mg/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.9	—	—	5.00E-02	mg/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.29	—	—	5.00E-02	mg/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.34	—	—	5.00E-02	mg/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.37	—	—	5.00E-02	mg/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	1.00E-01	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.1	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.7	—	—	1.00E-01	mg/L	E	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19	—	—	4.50E-02	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	4.50E-02	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	1.00E-01	mg/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.9	—	—	1.00E-01	mg/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.3	—	—	1.00E-01	mg/L	E	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.4	—	—	4.50E-02	mg/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	4.50E-02	mg/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	201	—	—	1.00E+00	uS/cm	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	226	—	—	1.00E+00	uS/cm	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	228	—	—	1.00E+00	uS/cm	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1.00E+00	uS/cm	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.49	—	—	1.00E-01	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.33	—	—	1.00E-01	mg/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	10/15/09	WG	F	RE	—	Geninorg	EPA:300.0	Sulfate	—	7.33	—	—	1.00E-01	mg/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.49	—	—	1.00E-01	mg/L	—	J-	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.7	—	—	1.00E-01	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.8	—	—	1.00E-01	mg/L	—	—	08-895	CAWA-08-11565	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	16.4	—	—	2.30E+00	mg/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	29.6	—	—	2.30E+00	mg/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	9.8	—	—	1.10E+00	mg/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	21	—	—	1.10E+00	mg/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.4	—	—	2.30E+00	mg/L	J	J	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.40E+00	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/01/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	169	—	—	2.40E+00	mg/L	—	J	08-895	CAWA-08-11565	GELC

Table C-2 Water Canyon 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
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.1	—	—	3.30E-01	mg/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.24	—	—	3.30E-01	mg/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.56	—	—	3.30E-01	mg/L	—	—	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.05	—	—	3.30E-01	mg/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	04/01/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.28	—	—	3.30E-01	mg/L	—	J-	08-895	CAWA-08-11564	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.44	—	—	1.00E-02	SU	H	J-	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.28	—	—	1.00E-02	SU	H	J-	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.23	—	—	1.00E-02	SU	H	J-	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.51	—	—	1.00E-02	SU	H	J-	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.665	—	—	1.00E-01	ug/L	—	J	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.825	—	—	1.00E-01	ug/L	—	—	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	1.09	—	—	1.00E-01	ug/L	—	—	10-147	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	1.1	—	—	1.30E-01	ug/L	—	—	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.909	—	—	1.30E-01	ug/L	—	—	09-60	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.432	—	—	1.00E-01	ug/L	—	J	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.653	—	—	1.00E-01	ug/L	—	—	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.811	—	—	1.00E-01	ug/L	—	—	10-147	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.819	—	—	1.20E-01	ug/L	—	—	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.684	—	—	1.20E-01	ug/L	—	—	09-60	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.29	—	—	1.00E-01	ug/L	—	—	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	5.28	—	—	1.00E-01	ug/L	—	—	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	2.88	—	—	1.00E-01	ug/L	—	J	10-147	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	3.92	—	—	1.00E-01	ug/L	—	J+	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	2.7	—	—	1.00E-01	ug/L	—	J	09-60	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.23	—	—	9.10E-02	ug/L	J	J	10-4541	CAWA-10-25722	STSL
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	1.4	—	—	9.10E-02	ug/L	—	—	10-2715	CAWA-10-14968	STSL
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.15	—	—	9.10E-02	ug/L	J	J	10-150	CAWA-09-13702	STSL
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8330	MNX	—	0.5	—	—	9.10E-02	ug/L	—	J	09-1276	CAWA-09-5527	STSL
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	ug/L	U	R	09-59	CAWA-08-15954	STSL
SWSC Spring	—	—	09/10/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	22.5	—	—	5.20E-01	ug/L	—	—	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	60.5	—	—	1.00E+00	ug/L	—	—	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	56.7	—	—	1.00E+00	ug/L	—	J	10-147	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	43.4	—	—	6.50E-01	ug/L	—	J	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	DL	—	Hexp	SW-846:8321	RDX	—	40.6	—	—	6.50E-01	ug/L	—	—	09-60	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.6	—	—	1.00E-01	ug/L	—	—	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	1.31	—	—	1.00E-01	ug/L	—	—	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.424	—	—	1.00E-01	ug/L	—	—	10-147	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	1.41	—	—	1.00E-01	ug/L	—	—	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Hexp	SW-846:8321	Trinitrobenzene[1,3,5-]	—	0.217	—	—	1.00E-01	ug/L	J	J	09-60	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	483	—	—	6.80E+01	ug/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1620	—	—	6.80E+01	ug/L	N*	J+	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	227	—	—	6.80E+01	ug/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	260	—	—	6.80E+01	ug/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	236	—	—	6.80E+01	ug/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	540	—	—	6.80E+01	ug/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2310	—	—	6.80E+01	ug/L	N*	J+	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	712	—	—	6.80E+01	ug/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	662	—	—	6.80E+01	ug/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1220	—	—	6.80E+01	ug/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	264	—	—	1.00E+00	ug/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	327	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	273	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	265	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	268	—	—	1.00E+00	ug/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	274	—	—	1.00E+00	ug/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	361	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	275	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13702	GELC

Table C-2 Water Canyon 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
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	278	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	287	—	—	1.00E+00	ug/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.7	—	—	1.50E+01	ug/L	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	36.4	—	—	1.50E+01	ug/L	J	J	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	29.6	—	—	1.50E+01	ug/L	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.2	—	—	1.00E+01	ug/L	J	J	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.2	—	—	1.00E+01	ug/L	J	J	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.5	—	—	1.50E+01	ug/L	J	J	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	40.5	—	—	1.50E+01	ug/L	J	J	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.7	—	—	1.50E+01	ug/L	J	J	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.2	—	—	1.00E+01	ug/L	J	J	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.3	—	—	1.00E+01	ug/L	J	J	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.67	—	—	2.50E+00	ug/L	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.75	—	—	2.50E+00	ug/L	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.88	—	—	1.50E+00	ug/L	J	J	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.8	—	—	1.50E+00	ug/L	J	J	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.24	—	—	2.50E+00	ug/L	J	J	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.45	—	—	1.50E+00	ug/L	J	J	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1.50E+00	ug/L	J	J	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	229	—	—	3.00E+01	ug/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	755	—	—	3.00E+01	ug/L	*	J	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	133	—	—	3.00E+01	ug/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	104	—	—	2.50E+01	ug/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	127	—	—	2.50E+01	ug/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	282	—	—	3.00E+01	ug/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1180	—	—	3.00E+01	ug/L	*	J	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	401	—	—	3.00E+01	ug/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	330	—	—	2.50E+01	ug/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	783	—	—	2.50E+01	ug/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.79	—	—	2.00E+00	ug/L	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.94	—	—	2.00E+00	ug/L	J	J	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.01	—	—	2.00E+00	ug/L	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11	—	—	2.00E+00	ug/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9	—	—	2.00E+00	ug/L	J	J	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.3	—	—	2.00E+00	ug/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.6	—	—	2.00E+00	ug/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.51	—	—	2.00E+00	ug/L	J	J	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	24.7	—	—	2.00E+00	ug/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.731	—	—	1.00E-01	ug/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.668	—	—	1.00E-01	ug/L	—	U	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.784	—	—	1.00E-01	ug/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.595	—	—	1.00E-01	ug/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.71	—	—	1.00E-01	ug/L	—	U	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.721	—	—	1.00E-01	ug/L	—	U	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.753	—	—	1.00E-01	ug/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.605	—	—	1.00E-01	ug/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.68	—	—	1.00E-01	ug/L	—	U	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.07	—	—	5.00E-01	ug/L	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.36	—	—	5.00E-01	ug/L	—	—	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	5.00E-01	ug/L	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.22	—	—	5.00E-01	ug/L	J	J	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.34	—	—	5.00E-01	ug/L	J	J	10-4543	CAWA-10-25722	GELC

Table C-2 Water Canyon 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
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.46	—	—	5.00E-01	ug/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.45	—	—	5.00E-01	ug/L	J	J	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.2	—	—	5.30E-02	mg/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.8	—	—	5.30E-02	mg/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.7	—	—	3.20E-02	mg/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.8	—	—	3.20E-02	mg/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.4	—	—	3.20E-02	mg/L	—	—	08-895	CAWA-08-11565	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	154	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	123	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	119	—	—	1.00E+00	ug/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	ug/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	164	—	—	1.00E+00	ug/L	—	—	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1.00E+00	ug/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	126	—	—	1.00E+00	ug/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	121	—	—	1.00E+00	ug/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.311	—	—	5.00E-02	ug/L	—	—	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.261	—	—	5.00E-02	ug/L	—	U	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.414	—	—	5.00E-02	ug/L	—	—	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.358	—	—	5.00E-02	ug/L	—	—	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	5.00E-02	ug/L	—	—	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.355	—	—	5.00E-02	ug/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.418	—	—	5.00E-02	ug/L	—	U	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.485	—	—	5.00E-02	ug/L	—	—	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.414	—	—	5.00E-02	ug/L	—	—	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	5.00E-02	ug/L	—	—	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.91	—	—	1.00E+00	ug/L	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	—	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.13	—	—	1.00E+00	ug/L	J	J	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	—	10/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.01	—	—	1.00E+00	ug/L	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	—	03/24/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.69	—	—	1.00E+00	ug/L	J	J	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.7	—	—	1.00E+00	ug/L	J	J	09-61	CAWA-08-15953	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.77	—	—	1.00E+00	ug/L	J	J	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.09	—	—	1.00E+00	ug/L	J	J	10-2717	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.65	—	—	1.00E+00	ug/L	J	J	10-148	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.21	—	—	1.00E+00	ug/L	J	J	09-1278	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4	—	—	1.00E+00	ug/L	J	J	09-61	CAWA-08-15954	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0108	1.93E-03	2.90E-02	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00237	4.53E-03	3.79E-02	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	1.03E-03	3.60E-02	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0196	1.77E-02	1.90E-01	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00658	9.67E-04	2.70E-02	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00801	3.50E-03	3.99E-02	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0334	3.67E-01	3.60E+00	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.2	4.73E-01	4.97E+00	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.526	7.33E-01	8.30E+00	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.26	4.67E-01	4.80E+00	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.83	4.33E-01	4.40E+00	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.1	4.63E-01	4.34E+00	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.7	3.67E-01	3.20E+00	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.42	5.67E-01	5.17E+00	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.58	5.67E-01	6.00E+00	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.62	4.00E-01	4.40E+00	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.547	4.67E-01	4.40E+00	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.14	4.80E-01	5.12E+00	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC

Table C-2 Water Canyon 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
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	2.2	3.00E-01	2.36E+00	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.65	2.57E-01	1.90E+00	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.7	4.67E-01	2.80E+00	—	pCi/L	—	—	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.39	3.60E-01	2.53E+00	—	pCi/L	—	J	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.72	3.37E-01	2.94E+00	—	pCi/L	—	J	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.805	2.10E-01	2.40E+00	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	36.6	1.27E+00	3.70E+00	—	pCi/L	—	—	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.65	3.60E-01	2.70E+00	—	pCi/L	—	J	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	6.08	1.23E+00	2.90E+01	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86.3	4.30E+01	2.68E+02	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	39.4	4.00E+00	4.60E+01	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	120	1.57E+01	1.20E+02	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.7	1.20E+01	3.90E+01	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	67	2.32E+01	2.92E+02	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.42	4.00E+00	4.00E+01	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.4	3.11E+00	2.71E+01	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.815	8.33E-01	8.70E+00	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.51	4.33E+00	4.10E+01	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-21.9	3.30E+00	3.00E+01	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-26.9	3.53E+00	2.59E+01	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0104	2.13E-03	3.90E-02	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0112	2.33E-03	2.98E-02	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00272	9.00E-04	3.00E-02	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	8.00E-04	4.00E-02	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00512	1.27E-03	2.60E-02	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0121	1.74E-03	2.76E-02	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0104	2.13E-03	4.50E-02	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00558	1.86E-03	3.51E-02	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00543	1.80E-03	4.40E-02	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00238	1.13E-03	3.90E-02	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0137	1.80E-03	2.90E-02	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00173	1.52E-03	3.26E-02	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.44	6.00E+00	6.20E+01	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-48	6.73E+00	5.79E+01	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.93	6.33E+00	6.50E+01	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-37.1	6.00E+00	5.40E+01	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.6	5.00E+00	5.60E+01	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.48	6.97E+00	7.06E+01	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0246	4.00E-01	3.90E+00	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.423	5.13E-01	4.56E+00	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.436	4.67E-01	4.40E+00	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.28	5.00E-01	4.20E+00	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0339	4.67E-01	4.40E+00	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.472	4.27E-01	4.06E+00	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.269	4.33E-02	4.30E-01	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.148	4.77E-02	4.86E-01	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.227	3.67E-02	4.90E-01	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0262	4.00E-02	4.30E-01	—	pCi/L	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.128	2.80E-02	3.70E-01	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.342	5.10E-02	4.82E-01	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.163	6.33E-03	5.70E-02	—	pCi/L	—	—	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.172	6.87E-03	4.22E-02	—	pCi/L	—	—	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.194	1.03E-02	8.60E-02	—	pCi/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.73	2.23E-02	8.90E-02	—	pCi/L	—	—	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.232	8.00E-03	6.10E-02	—	pCi/L	—	—	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.359	1.13E-02	4.46E-02	—	pCi/L	—	—	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0222	2.27E-03	3.00E-02	—	pCi/L	U	U	09-62	CAWA-08-15953	GELC

Table C-2 Water Canyon 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
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0139	1.90E-03	3.27E-02	—	pCi/L	U	U	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0278	4.00E-03	4.40E-02	—	pCi/L	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.055	4.67E-03	4.60E-02	—	pCi/L	—	—	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0107	2.13E-03	3.20E-02	—	pCi/L	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0146	2.01E-03	3.46E-02	—	pCi/L	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	10/08/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.119	5.33E-03	3.20E-02	—	pCi/L	—	—	09-62	CAWA-08-15953	GELC
SWSC Spring	—	—	10/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0916	5.10E-03	3.69E-02	—	pCi/L	—	J	196376	GF07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.174	9.00E-03	3.80E-02	—	pCi/L	—	—	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.489	1.63E-02	5.40E-02	—	pCi/L	—	—	10-149	CAWA-09-13702	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.142	6.00E-03	3.40E-02	—	pCi/L	—	—	09-62	CAWA-08-15954	GELC
SWSC Spring	—	—	10/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.235	8.60E-03	3.90E-02	—	pCi/L	—	—	196376	GU07100SWSCS01	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.48	—	—	3.00E-01	ug/L	—	J-	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.56	—	—	3.00E-01	ug/L	—	—	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.12	—	—	3.00E-01	ug/L	—	—	10-147	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	0.879	—	—	4.50E-01	ug/L	J	J	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Voa	SW-846:8260B	Tetrachloroethene	—	1.17	—	—	4.50E-01	ug/L	—	—	09-60	CAWA-08-15954	GELC
SWSC Spring	—	—	09/10/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.34	—	—	2.50E-01	ug/L	—	J-	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	—	04/09/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.22	—	—	2.50E-01	ug/L	—	—	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	—	10/15/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.27	—	—	2.50E-01	ug/L	—	—	10-147	CAWA-09-13702	GELC
SWSC Spring	—	—	03/24/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.958	—	—	2.50E-01	ug/L	J	J	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	—	10/08/08	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.28	—	—	2.50E-01	ug/L	—	—	09-60	CAWA-08-15954	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.8	—	—	7.30E-01	mg/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.019	—	—	1.60E-02	mg/L	J	J	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.5	—	—	5.00E-02	mg/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	5.00E-02	mg/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.3	—	—	1.30E-01	mg/L	—	J+	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.119	—	—	3.30E-02	mg/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.8	—	—	3.50E-01	mg/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.3	—	—	3.50E-01	mg/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.49	—	—	8.50E-02	mg/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.63	—	—	8.50E-02	mg/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.178	—	—	5.00E-02	ug/L	J	J	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.73	—	—	5.00E-02	mg/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.84	—	—	5.00E-02	mg/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	1.00E-01	mg/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	1.00E-01	mg/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1.00E+00	uS/cm	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	1.00E-01	mg/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	165	—	—	2.40E+00	mg/L	—	J	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.055	—	—	3.30E-02	mg/L	J	J	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.38	—	—	3.30E-01	mg/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.97	—	—	1.00E-02	SU	H	J-	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.98	—	—	1.00E-01	ug/L	—	J	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.5	—	—	1.00E-01	ug/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	346	—	—	6.80E+01	ug/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	478	—	—	6.80E+01	ug/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	82.8	—	—	1.00E+00	ug/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	86.8	—	—	1.00E+00	ug/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	32.6	—	—	1.50E+01	ug/L	J	J	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34.1	—	—	1.50E+01	ug/L	J	J	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	137	—	—	3.00E+01	ug/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	208	—	—	3.00E+01	ug/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.68	—	—	2.00E+00	ug/L	J	J	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.732	—	—	1.00E-01	ug/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.722	—	—	1.00E-01	ug/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.54	—	—	5.00E-01	ug/L	J	J	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.608	—	—	5.00E-01	ug/L	J	J	10-4672	CAWA-10-25771	GELC

Table C-2 Water Canyon 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
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.5	—	—	5.30E-02	mg/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	ug/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.068	—	—	5.00E-02	ug/L	J	J	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.101	—	—	5.00E-02	ug/L	J	J	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.68	—	—	1.00E+00	ug/L	J	J	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.66	—	—	1.00E+00	ug/L	J	J	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	121	—	—	3.30E+00	ug/L	—	—	10-4672	CAWA-10-25770	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	146	—	—	3.30E+00	ug/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0103	1.57E-03	3.60E-02	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.35	4.33E-01	3.90E+00	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.21	4.00E-01	4.50E+00	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.482	2.13E-01	2.40E+00	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.3	2.27E-01	2.10E+00	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	99.7	7.00E+00	8.40E+01	—	pCi/L	—	—	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.86	9.00E-01	8.80E+00	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.03E-03	1.80E-02	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0141	1.73E-03	3.10E-02	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.5	6.00E+00	6.30E+01	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.588	4.67E-01	4.90E+00	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0594	4.00E-02	4.70E-01	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0196	3.17E-03	6.80E-02	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00315	1.83E-03	3.50E-02	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0153	2.97E-03	3.00E-02	—	pCi/L	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	8961	6	09/20/10	WG	UF	CS	EQB	Svoa	SW-846:8270C	Diethylphthalate	—	39	—	—	2.20E+00	ug/L	—	—	10-4672	CAWA-10-26615	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	36.5	—	—	7.30E-01	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	41.3	—	—	7.30E-01	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	38.9	—	—	7.30E-01	mg/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	44.4	—	—	7.30E-01	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	04/03/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	37	—	—	7.30E-01	mg/L	—	—	08-923	CAWA-08-11563	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.08	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.83	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.33	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.84	—	—	3.00E-02	mg/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.27	—	—	3.00E-02	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.14	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.39	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.8	—	—	3.00E-02	mg/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.21	—	—	3.00E-02	mg/L	—	—	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	0.909	—	—	6.60E-02	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	<	0.798	—	—	6.60E-02	mg/L	—	U	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.02	—	—	6.60E-02	mg/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	0.904	—	—	6.60E-02	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	04/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.98	—	—	6.60E-02	mg/L	—	—	08-923	CAWA-08-11563	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0966	—	—	3.30E-02	mg/L	J	J	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.215	—	—	3.30E-02	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.097	—	—	3.30E-02	mg/L	J	J	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.109	—	—	3.30E-02	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	04/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.076	—	—	3.30E-02	mg/L	J	J	08-923	CAWA-08-11563	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.3	—	—	3.50E-01	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.9	—	—	3.50E-01	mg/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.4	—	—	3.50E-01	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.8	—	—	3.50E-01	mg/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.4	—	—	3.50E-01	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.7	—	—	3.50E-01	mg/L	—	—	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.4	—	—	3.50E-01	mg/L	—	—	10-2732	CAWA-10-14965	GELC

Table C-2 Water Canyon 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
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33	—	—	3.50E-01	mg/L	—	—	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.7	—	—	3.50E-01	mg/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31	—	—	3.50E-01	mg/L	—	—	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.96	—	—	8.50E-02	mg/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.21	—	—	8.50E-02	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	8.50E-02	mg/L	—	—	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.05	—	—	8.50E-02	mg/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	8.50E-02	mg/L	—	—	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.15	—	—	8.50E-02	mg/L	—	—	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.329	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.339	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.0418	—	—	1.00E-02	mg/L	J	U	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.356	—	—	5.00E-02	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	04/03/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.269	—	—	5.00E-02	mg/L	—	—	08-923	CAWA-08-11563	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.218	—	—	5.00E-02	ug/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.199	—	—	5.00E-02	ug/L	J	J	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.208	—	—	5.00E-02	ug/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	5.00E-02	ug/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	04/03/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.331	—	—	5.00E-02	ug/L	—	—	08-923	CAWA-08-11563	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.77	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	5.00E-02	mg/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.78	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	5.00E-02	mg/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.74	—	—	1.00E-01	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.85	—	—	1.00E-01	mg/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.94	—	—	1.00E-01	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.57	—	—	4.50E-02	mg/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.46	—	—	4.50E-02	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.81	—	—	1.00E-01	mg/L	—	—	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	6.18	—	—	1.00E-01	mg/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.98	—	—	1.00E-01	mg/L	—	—	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.53	—	—	4.50E-02	mg/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	5.4	—	—	4.50E-02	mg/L	—	—	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	91.2	—	—	1.00E+00	uS/cm	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	93.7	—	—	1.00E+00	uS/cm	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	85.9	—	—	1.00E+00	uS/cm	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	92.4	—	—	1.00E+00	uS/cm	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	1.00E-01	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.42	—	—	1.00E-01	mg/L	—	U	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.5	—	—	1.00E-01	mg/L	—	J-	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	1.00E-01	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	04/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.98	—	—	1.00E-01	mg/L	—	—	08-923	CAWA-08-11563	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	89	—	—	2.40E+00	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	76	—	—	2.40E+00	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	91	—	—	2.40E+00	mg/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	89	—	—	2.40E+00	mg/L	—	J	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	04/03/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	106	—	—	2.40E+00	mg/L	—	J	08-923	CAWA-08-11563	GELC

Table C-2 Water Canyon 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
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.743	—	—	3.30E-01	mg/L	J	J	10-4547	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.543	—	—	3.30E-01	mg/L	J	J	10-186	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.896	—	—	3.30E-01	mg/L	J	J	09-1303	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.01	—	—	3.30E-01	mg/L	—	—	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	04/03/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.5	—	—	3.30E-01	mg/L	—	—	08-923	CAWA-08-11562	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	1.00E-02	SU	H	J-	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	1.00E-02	SU	H	J-	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.73	—	—	1.00E-02	SU	H	J-	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J-	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	82.4	—	—	6.80E+01	ug/L	J	J	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	3700	—	—	6.80E+01	ug/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	624	—	—	6.80E+01	ug/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	92.2	—	—	6.80E+01	ug/L	J	J	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2480	—	—	6.80E+01	ug/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	779	—	—	6.80E+01	ug/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	96.8	—	—	6.80E+01	ug/L	J	J	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.3	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.8	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.7	—	—	1.00E+00	ug/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.8	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.3	—	—	1.00E+00	ug/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.2	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.8	—	—	1.00E+00	ug/L	—	—	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.3	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.2	—	—	1.00E+00	ug/L	—	—	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.67	—	—	2.50E+00	ug/L	J	J	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.38	—	—	1.50E+00	ug/L	J	J	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.67	—	—	2.50E+00	ug/L	J	J	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.63	—	—	1.50E+00	ug/L	J	J	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	35.1	—	—	3.00E+01	ug/L	J	J	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1500	—	—	3.00E+01	ug/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	44.3	—	—	3.00E+01	ug/L	J	J	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	239	—	—	2.50E+01	ug/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	41.1	—	—	2.50E+01	ug/L	J	J	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	39.2	—	—	3.00E+01	ug/L	J	J	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1030	—	—	3.00E+01	ug/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.7	—	—	3.00E+01	ug/L	J	J	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	321	—	—	2.50E+01	ug/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	45	—	—	2.50E+01	ug/L	J	J	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.8	—	—	5.30E-02	mg/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.9	—	—	5.30E-02	mg/L	—	—	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.2	—	—	3.20E-02	mg/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.6	—	—	3.20E-02	mg/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	04/03/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.8	—	—	3.20E-02	mg/L	—	—	08-923	CAWA-08-11563	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.7	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.7	—	—	1.00E+00	ug/L	—	—	10-187	CAWA-09-13695	GELC

Table C-2 Water Canyon 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
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.2	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.7	—	—	1.00E+00	ug/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.1	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.4	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53	—	—	1.00E+00	ug/L	—	—	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.8	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.8	—	—	1.00E+00	ug/L	—	—	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.129	—	—	5.00E-02	ug/L	J	J	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.275	—	—	5.00E-02	ug/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.14	—	—	5.00E-02	ug/L	J	U	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.202	—	—	5.00E-02	ug/L	—	—	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.15	—	—	5.00E-02	ug/L	J	J	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.134	—	—	5.00E-02	ug/L	J	J	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.385	—	—	5.00E-02	ug/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.142	—	—	5.00E-02	ug/L	J	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.215	—	—	5.00E-02	ug/L	—	—	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.17	—	—	5.00E-02	ug/L	J	J	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	09/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.73	—	—	1.00E+00	ug/L	J	J	10-4548	CAWA-10-25726	GELC
Water Canyon Gallery	—	—	04/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.55	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14966	GELC
Water Canyon Gallery	—	—	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.66	—	—	1.00E+00	ug/L	J	J	10-187	CAWA-09-13695	GELC
Water Canyon Gallery	—	—	03/25/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.64	—	—	1.00E+00	ug/L	J	J	09-1304	CAWA-09-5525	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1.00E+00	ug/L	—	—	09-122	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.84	—	—	1.00E+00	ug/L	J	J	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	04/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.39	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14965	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.67	—	—	1.00E+00	ug/L	J	J	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	03/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.5	—	—	1.00E+00	ug/L	J	J	09-1304	CAWA-09-5523	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1.00E+00	ug/L	J	J	09-122	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00847	1.60E-03	2.60E-02	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	1.93E-03	3.50E-02	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00168	1.13E-03	2.12E-02	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	9.67E-04	3.40E-02	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00312	8.33E-04	3.80E-02	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00339	2.27E-03	3.50E-02	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000482	3.20E-04	3.01E-02	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000619	1.02E-03	2.23E-02	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.396	4.00E-01	4.00E+00	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.915	3.70E-01	3.49E+00	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.11	5.03E-01	3.93E+00	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.895	5.00E-01	4.60E+00	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.224	2.27E-01	2.30E+00	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.51	4.67E-01	5.00E+00	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.601	4.57E-01	4.33E+00	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.553	4.27E-01	4.02E+00	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0171	4.00E-01	4.00E+00	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.163	4.03E-01	3.92E+00	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.55	3.77E-01	2.60E+00	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.783	5.00E-01	4.70E+00	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.583	2.37E-01	2.20E+00	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.46	5.00E-01	4.80E+00	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.66	4.30E-01	3.66E+00	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.36	4.83E-01	5.05E+00	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	2.33	3.17E-01	2.47E+00	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.512	1.35E-01	1.27E+00	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.265	1.50E-01	1.90E+00	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.354	9.67E-02	2.10E+00	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.625	1.57E-01	1.60E+00	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.939	1.88E-01	1.58E+00	—	pCi/L	U	U	179921	GU070100GGCW01	GELC

Table C-2 Water Canyon 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
Water Canyon Gallery	—	—	08/26/03	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.233	9.13E-02	1.25E+00	—	pCi/L	U	U	86936	GU03080GGCW01	GELC
Water Canyon Gallery	—	—	08/26/03	WG	UF	DUP	—	Rad	EPA:900	Gross alpha	<	0.164	7.97E-02	9.63E-01	—	pCi/L	U	—	86936	GU03080GGCW01	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.64	2.99E-01	2.09E+00	—	pCi/L	—	J	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.69	3.70E-01	3.30E+00	—	pCi/L	—	J	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.48	3.23E-01	2.90E+00	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.6	3.17E-01	2.90E+00	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.425	2.79E-01	3.06E+00	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.26	2.78E-01	2.39E+00	—	pCi/L	—	J	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	08/26/03	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.49	2.25E-01	2.43E+00	—	pCi/L	—	J	86936	GU03080GGCW01	GELC
Water Canyon Gallery	—	—	08/26/03	WG	UF	DUP	—	Rad	EPA:900	Gross beta	—	1.99	1.86E-01	1.99E+00	—	pCi/L	—	—	86936	GU03080GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	10.7	5.00E+00	3.40E+01	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	77.8	3.83E+01	2.31E+02	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	71.8	2.31E+01	2.31E+02	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.1	2.73E+00	2.00E+01	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	20.8	5.33E+00	3.70E+01	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	14.6	4.00E+00	1.60E+01	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	78.7	2.56E+01	2.17E+02	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	113	4.37E+01	5.40E+02	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.44	2.77E+00	2.70E+01	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.63	3.26E+00	2.91E+01	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.58	4.20E+00	3.60E+01	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.96	1.07E+00	9.60E+00	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.725	2.13E+00	2.10E+01	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.18	3.33E+00	3.40E+01	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19	3.67E+00	3.34E+01	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	26.9	4.63E+00	4.10E+01	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00188	2.27E-03	2.70E-02	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00798	2.31E-03	3.48E-02	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00196	1.13E-03	2.15E-02	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00213	1.00E-03	2.30E-02	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0108	1.90E-03	3.60E-02	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00484	1.63E-03	3.50E-02	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00197	1.74E-03	3.44E-02	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	—	0.0273	3.77E-03	2.30E-02	—	pCi/L	—	J	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00751	1.53E-03	3.20E-02	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00399	1.88E-03	3.27E-02	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00196	1.46E-03	1.43E-02	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00425	1.43E-03	3.50E-02	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00433	2.03E-03	3.60E-02	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.60E-03	4.10E-02	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00197	1.47E-03	3.23E-02	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	2.5E-10	1.40E-03	1.53E-02	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.8	6.00E+00	3.30E+01	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.74	5.20E+00	5.46E+01	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.3	5.07E+00	4.38E+01	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.28	7.00E+00	7.70E+01	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.63	4.00E+00	3.40E+01	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.33	6.33E+00	6.50E+01	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	38.1	5.20E+00	4.37E+01	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.17	5.37E+00	4.83E+01	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.35	4.33E-01	5.00E+00	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.04	4.37E-01	4.56E+00	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.815	4.30E-01	3.94E+00	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.3	6.33E-01	6.00E+00	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.2	2.30E-01	2.30E+00	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.15	4.33E-01	4.10E+00	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.36	4.20E-01	3.78E+00	—	pCi/L	U	U	196149	GU071000GGCW01	GELC

Table C-2 Water Canyon 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
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.68	4.23E-01	3.64E+00	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0305	2.10E-02	2.50E-01	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.129	3.97E-02	4.10E-01	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00147	4.40E-02	4.56E-01	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.071	4.33E-02	4.80E-01	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.359	4.33E-02	4.90E-01	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.012	2.00E-02	2.30E-01	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.289	4.87E-02	4.63E-01	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0661	3.97E-02	4.12E-01	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0931	5.67E-03	7.50E-02	—	pCi/L	—	—	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.082	5.53E-03	6.22E-02	—	pCi/L	—	J	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.198	7.43E-03	3.73E-02	—	pCi/L	—	—	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0606	5.33E-03	7.40E-02	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0442	7.33E-03	1.70E-01	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.147	7.33E-03	7.90E-02	—	pCi/L	—	—	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.103	5.63E-03	6.34E-02	—	pCi/L	—	J	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.168	6.73E-03	3.75E-02	—	pCi/L	—	—	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00268	2.37E-03	4.00E-02	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00534	2.52E-03	3.69E-02	—	pCi/L	U	U	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.013	1.79E-03	3.80E-02	—	pCi/L	U	U	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0171	4.00E-03	3.70E-02	—	pCi/L	U	U	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0175	4.33E-03	8.60E-02	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0028	9.33E-04	4.20E-02	—	pCi/L	U	U	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0109	2.23E-03	3.76E-02	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0131	1.80E-03	3.83E-02	—	pCi/L	U	U	179921	GU070100GGCW01	GELC
Water Canyon Gallery	—	—	10/17/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0303	3.13E-03	4.00E-02	—	pCi/L	U	U	09-123	CAWA-08-15946	GELC
Water Canyon Gallery	—	—	10/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0561	4.10E-03	4.15E-02	—	pCi/L	—	J	196149	GF071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.079	4.20E-03	2.64E-02	—	pCi/L	—	—	179921	GF070100GGCW01	GELC
Water Canyon Gallery	—	—	09/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0442	4.33E-03	3.30E-02	—	pCi/L	—	—	10-4548	CAWA-10-25725	GELC
Water Canyon Gallery	—	—	10/19/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0236	6.67E-03	1.00E-01	—	pCi/L	U	U	10-187	CAWA-09-13696	GELC
Water Canyon Gallery	—	—	10/17/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0543	4.67E-03	4.20E-02	—	pCi/L	—	—	09-123	CAWA-08-15944	GELC
Water Canyon Gallery	—	—	10/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0396	3.83E-03	4.22E-02	—	pCi/L	U	U	196149	GU071000GGCW01	GELC
Water Canyon Gallery	—	—	01/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0672	4.03E-03	2.66E-02	—	pCi/L	—	J	179921	GU070100GGCW01	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.1	—	—	7.30E-01	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.2	—	—	7.30E-01	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	39.5	—	—	7.30E-01	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.5	—	—	7.30E-01	mg/L	—	—	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	04/03/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	36	—	—	7.30E-01	mg/L	—	—	08-923	CAWA-08-11541	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.038	—	—	1.60E-02	mg/L	J	J-	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.016	—	—	1.60E-02	mg/L	J	U	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	U	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	04/03/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-923	CAWA-08-11541	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.87	—	—	5.00E-02	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.82	—	—	3.00E-02	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.85	—	—	3.00E-02	mg/L	—	—	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.97	—	—	6.60E-02	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.95	—	—	6.60E-02	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.69	—	—	6.60E-02	mg/L	—	—	10-166	CAWA-09-13676	GELC

Table C-2 Water Canyon 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
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.69	—	—	6.60E-02	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.17	—	—	6.60E-02	mg/L	—	—	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	04/03/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	11.8	—	—	6.60E-02	mg/L	—	—	08-923	CAWA-08-11541	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.115	—	—	3.30E-02	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.108	—	—	3.30E-02	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.177	—	—	3.30E-02	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.122	—	—	3.30E-02	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.133	—	—	3.30E-02	mg/L	—	—	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	04/03/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.105	—	—	3.30E-02	mg/L	—	—	08-923	CAWA-08-11541	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	42.6	—	—	3.50E-01	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.7	—	—	3.50E-01	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.9	—	—	3.50E-01	mg/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	3.50E-01	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.4	—	—	3.50E-01	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	43.1	—	—	3.50E-01	mg/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.4	—	—	3.50E-01	mg/L	—	—	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.3	—	—	3.50E-01	mg/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.3	—	—	3.50E-01	mg/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.6	—	—	3.50E-01	mg/L	—	—	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.78	—	—	8.50E-02	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.92	—	—	8.50E-02	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.08	—	—	8.50E-02	mg/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	8.50E-02	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.24	—	—	8.50E-02	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.85	—	—	8.50E-02	mg/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.88	—	—	8.50E-02	mg/L	—	—	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.17	—	—	8.50E-02	mg/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.58	—	—	8.50E-02	mg/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.28	—	—	8.50E-02	mg/L	—	—	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.236	—	—	5.00E-02	ug/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.235	—	—	5.00E-02	ug/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.179	—	—	5.00E-02	ug/L	J	J	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.221	—	—	5.00E-02	ug/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	5.00E-02	ug/L	—	—	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	04/03/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.402	—	—	5.00E-02	ug/L	—	—	08-923	CAWA-08-11541	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.19	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.31	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.23	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.81	—	—	5.00E-02	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.68	—	—	5.00E-02	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.25	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.29	—	—	5.00E-02	mg/L	—	—	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.32	—	—	5.00E-02	mg/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.93	—	—	5.00E-02	mg/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.75	—	—	5.00E-02	mg/L	—	—	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	8.8	—	—	1.00E-01	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.07	—	—	1.00E-01	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.26	—	—	1.00E-01	mg/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.63	—	—	1.00E-01	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	6.55	—	—	4.50E-02	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	8.89	—	—	1.00E-01	mg/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.94	—	—	1.00E-01	mg/L	—	—	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.17	—	—	1.00E-01	mg/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.4	—	—	1.00E-01	mg/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	6.61	—	—	4.50E-02	mg/L	—	—	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	uS/cm	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	133	—	—	1.00E+00	uS/cm	—	—	10-4548	CAWA-10-25694	GELC

Table C-2 Water Canyon 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
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	103	—	—	1.00E+00	uS/cm	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	3.57	—	—	1.00E-01	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.19	—	—	1.00E-01	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.87	—	—	1.00E-01	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.72	—	—	1.00E-01	mg/L	—	J-	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.11	—	—	1.00E-01	mg/L	—	—	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	04/03/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.9	—	—	1.00E-01	mg/L	—	—	08-923	CAWA-08-11541	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	113	—	—	2.40E+00	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	97	—	—	2.40E+00	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	118	—	—	2.40E+00	mg/L	—	J	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	04/03/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	J	08-923	CAWA-08-11541	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.214	—	—	3.30E-02	mg/L	—	J-	10-4547	CAWA-10-25699	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-165	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.203	—	—	2.90E-02	mg/L	—	J+	09-1303	CAWA-09-5482	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-122	CAWA-08-15921	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.41	—	—	3.30E-01	mg/L	—	—	10-4547	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.61	—	—	3.30E-01	mg/L	—	—	10-4547	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.49	—	—	3.30E-01	mg/L	—	—	10-165	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.04	—	—	3.30E-01	mg/L	—	—	09-1303	CAWA-09-5482	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.57	—	—	3.30E-01	mg/L	—	—	09-122	CAWA-08-15921	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.52	—	—	1.00E-02	SU	H	J-	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.3	—	—	1.00E-02	SU	H	J-	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	6.94	—	—	1.00E-02	SU	H	J-	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.14	—	—	1.00E-02	SU	H	J-	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.11	—	—	1.00E-02	SU	H	J-	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	239	—	—	6.80E+01	ug/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	381	—	—	6.80E+01	ug/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	4900	—	—	6.80E+01	ug/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	669	—	—	6.80E+01	ug/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	916	—	—	6.80E+01	ug/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	273	—	—	6.80E+01	ug/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	448	—	—	6.80E+01	ug/L	—	—	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	5980	—	—	6.80E+01	ug/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	954	—	—	6.80E+01	ug/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1700	—	—	6.80E+01	ug/L	—	—	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	28.3	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	42.1	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1.00E+00	ug/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	21.6	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Metals	SW-846:6010B	Barium	—	27.8	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.4	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.5	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.8	—	—	1.00E+00	ug/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	25	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.25	—	—	2.50E+00	ug/L	J	J	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	3.13	—	—	2.50E+00	ug/L	J	J	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	1.55	—	—	1.50E+00	ug/L	J	J	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.76	—	—	2.50E+00	ug/L	J	J	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.54	—	—	2.50E+00	ug/L	J	J	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-2732	CAWA-10-14930	GELC

Table C-2 Water Canyon 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
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.79	—	—	1.50E+00	ug/L	J	J	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Metals	SW-846:6010B	Iron	—	114	—	—	3.00E+01	ug/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	185	—	—	3.00E+01	ug/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	1980	—	—	3.00E+01	ug/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	302	—	—	3.00E+01	ug/L	—	J	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	414	—	—	2.50E+01	ug/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Metals	SW-846:6010B	Iron	—	130	—	—	3.00E+01	ug/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	209	—	—	3.00E+01	ug/L	—	—	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	2490	—	—	3.00E+01	ug/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	419	—	—	3.00E+01	ug/L	—	J	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	777	—	—	2.50E+01	ug/L	—	—	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Metals	EPA:245.2	Mercury	—	0.074	—	—	6.60E-02	ug/L	J	J	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.516	—	—	5.00E-01	ug/L	J	J	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.35	—	—	5.00E-01	ug/L	J	J	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	4.62	—	—	5.00E-01	ug/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.544	—	—	5.00E-01	ug/L	J	J	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.551	—	—	5.00E-01	ug/L	J	J	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	46.1	—	—	5.30E-02	mg/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.9	—	—	5.30E-02	mg/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.1	—	—	5.30E-02	mg/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.7	—	—	3.20E-02	mg/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	46.7	—	—	3.20E-02	mg/L	—	—	09-122	CAWA-08-15922	GELC
Water above SR-501	—	—	04/03/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.1	—	—	3.20E-02	mg/L	—	—	08-923	CAWA-08-11541	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Metals	SW-846:6010B	Strontium	—	78.4	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	80.5	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	82.7	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.8	—	—	1.00E+00	ug/L	—	—	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.9	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	79.5	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.9	—	—	1.00E+00	ug/L	—	—	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	82.9	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	71.4	—	—	1.00E+00	ug/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	64.1	—	—	1.00E+00	ug/L	—	—	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.75	—	—	1.00E+00	ug/L	J	J	10-4548	CAWA-10-25697	GELC
Water above SR-501	—	—	09/10/10	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.11	—	—	1.00E+00	ug/L	J	J	10-4548	CAWA-10-25694	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.83	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.53	—	—	1.00E+00	ug/L	J	J	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.73	—	—	1.00E+00	ug/L	J	J	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.88	—	—	1.00E+00	ug/L	J	J	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.11	—	—	1.00E+00	ug/L	J	J	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.37	—	—	1.00E+00	ug/L	—	—	10-2732	CAWA-10-14930	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.91	—	—	1.00E+00	ug/L	J	J	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.28	—	—	1.00E+00	ug/L	J	J	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	04/12/10	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.2	—	—	3.30E+00	ug/L	J	J	10-2732	CAWA-10-14932	GELC
Water above SR-501	—	—	10/16/09	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-166	CAWA-09-13676	GELC
Water above SR-501	—	—	03/25/09	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.72	—	—	2.00E+00	ug/L	J	U	09-1304	CAWA-09-5483	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.82	—	—	3.30E+00	ug/L	J	J	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	04/12/10	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.28	—	—	3.30E+00	ug/L	J	J	10-2732	CAWA-10-14930	GELC

Table C-2 Water Canyon 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
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	03/25/09	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	5.95	—	—	2.00E+00	ug/L	J	U	09-1304	CAWA-09-5482	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000851	5.33E-03	3.50E-02	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00233	4.03E-03	5.00E-02	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00412	1.27E-03	3.80E-02	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000301	6.00E-04	3.70E-02	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0169	2.07E-03	3.20E-02	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0145	3.67E-03	2.70E-02	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00043	2.34E-03	4.65E-02	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0952	3.20E-01	3.20E+00	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.984	4.27E-01	3.95E+00	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	0.238	5.33E-01	5.30E+00	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.77	5.67E-01	6.10E+00	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.18	4.67E-01	3.90E+00	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.04	2.93E-01	3.00E+00	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.926	4.60E-01	4.68E+00	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.15	3.33E-01	3.70E+00	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.712	4.97E-01	5.05E+00	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-1.28	5.00E-01	4.40E+00	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.9	5.67E-01	6.40E+00	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.19	5.67E-01	5.70E+00	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.864	3.17E-01	3.30E+00	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.412	5.80E-01	5.56E+00	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	0.384	2.37E-01	2.87E+00	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	01/24/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	0.462	1.24E-01	1.31E+00	—	pCi/L	U	U	179738	GF070100P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.938	2.10E-01	1.90E+00	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.202	1.67E-01	2.10E+00	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.84	2.73E-01	1.90E+00	—	pCi/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.63	1.91E-01	2.09E+00	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	03/09/07	WM	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.54	3.33E-01	2.34E+00	—	pCi/L	—	J	182191	GU070300M25201	GELC
Water above SR-501	—	—	01/24/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.53	1.50E-01	2.51E+00	—	pCi/L	U	U	179738	GU070100P25201	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	7.29	4.10E-01	2.66E+00	—	pCi/L	—	J	195926	GF071000P25201	GELC
Water above SR-501	—	—	01/24/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	4.37	2.86E-01	2.50E+00	—	pCi/L	—	J	179738	GF070100P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	EPA:900	Gross beta	—	2.69	2.73E-01	2.20E+00	—	pCi/L	—	—	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	0.0868	1.97E-01	2.30E+00	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	2.55	2.73E-01	2.20E+00	—	pCi/L	—	—	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	3.87	3.40E-01	2.59E+00	—	pCi/L	—	J	195926	GU071000P25201	GELC
Water above SR-501	—	—	03/09/07	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	3.76	1.89E-01	1.64E+00	—	pCi/L	—	J	182191	GU070300M25201	GELC
Water above SR-501	—	—	01/24/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	3.9	2.86E-01	2.53E+00	—	pCi/L	—	J	179738	GU070100P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	23.2	4.67E+00	4.10E+01	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	89.5	1.06E+02	2.41E+02	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	22.6	3.33E+00	3.50E+01	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	39.5	4.00E+00	4.60E+01	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	45.4	1.17E+01	6.70E+01	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.6	7.00E+00	2.30E+01	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	67.2	2.71E+01	2.03E+02	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.76	2.47E+00	2.10E+01	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.93	2.76E+00	2.70E+01	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	2.39	1.03E+00	1.00E+01	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.81	1.17E+00	1.10E+01	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.1	3.67E+00	3.10E+01	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.3	2.40E+00	2.10E+01	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.71	4.03E+00	3.60E+01	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	1.07E-09	3.00E-03	3.30E-02	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00216	1.02E-03	3.46E-02	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0	7.00E-04	2.30E-02	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00223	1.30E-03	2.50E-02	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC

Table C-2 Water Canyon 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
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00182	8.67E-04	3.10E-02	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00224	3.67E-03	3.30E-02	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00402	1.90E-03	3.22E-02	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0113	2.00E-03	3.80E-02	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00865	1.45E-03	4.09E-02	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00421	1.23E-03	3.40E-02	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00669	1.67E-03	3.60E-02	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	8.67E-04	3.00E-02	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	1.07E-09	2.37E-03	3.80E-02	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00402	1.64E-03	3.80E-02	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	25.2	5.33E+00	3.30E+01	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-36.3	5.30E+00	4.61E+01	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-19.5	7.00E+00	7.30E+01	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.1	7.33E+00	6.40E+01	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.8	7.00E+00	6.90E+01	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.98	5.00E+00	4.40E+01	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3.02	7.50E+00	4.22E+01	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.164	3.33E-01	3.30E+00	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0332	4.20E-01	4.10E+00	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-1.68	5.00E-01	4.30E+00	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.632	5.00E-01	5.10E+00	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.754	4.67E-01	4.90E+00	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.202	3.13E-01	3.10E+00	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.38	5.10E-01	4.88E+00	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.143	3.23E-02	3.20E-01	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.15	3.06E-02	3.25E-01	—	pCi/L	U	J, U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.141	4.67E-02	5.00E-01	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.137	4.00E-02	4.10E-01	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.27	4.00E-02	4.80E-01	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.119	3.30E-02	3.40E-01	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0129	3.24E-02	3.32E-01	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0206	3.17E-03	8.00E-02	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0216	2.68E-03	5.42E-02	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	HASL-300	Uranium-234	<	0.0448	4.33E-03	7.50E-02	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0157	3.33E-03	8.10E-02	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.032	3.67E-03	7.50E-02	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0276	2.80E-03	7.40E-02	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0276	4.67E-03	4.45E-02	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0113	3.00E-03	4.20E-02	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00297	9.90E-04	4.20E-02	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0139	2.33E-03	3.80E-02	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00748	1.77E-03	4.10E-02	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.000803	1.70E-03	3.90E-02	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00263	1.97E-03	3.90E-02	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00488	1.99E-03	3.45E-02	—	pCi/L	U	U	195926	GU071000P25201	GELC
Water above SR-501	—	—	10/17/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.00685	2.30E-03	4.20E-02	—	pCi/L	U	U	09-123	CAWA-08-15922	GELC
Water above SR-501	—	—	10/17/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0168	2.67E-03	4.75E-02	—	pCi/L	U	U	195926	GF071000P25201	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	FD	Rad	HASL-300	Uranium-238	<	0.0196	2.83E-03	3.30E-02	—	pCi/L	U	U	10-4548	CAWA-10-25699	GELC
Water above SR-501	—	—	09/10/10	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	-0.00303	2.27E-03	3.60E-02	—	pCi/L	U	U	10-4548	CAWA-10-25695	GELC
Water above SR-501	—	—	10/16/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0314	3.13E-03	4.60E-02	—	pCi/L	U	U	10-166	CAWA-09-13547	GELC
Water above SR-501	—	—	10/17/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00851	2.00E-03	3.90E-02	—	pCi/L	U	U	09-123	CAWA-08-15921	GELC
Water above SR-501	—	—	10/17/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	<	0	3.37E-03	3.90E-02	—	pCi/L	U	U	195926	GU071000P25201	GELC

Appendix D

Analytical Chemistry Screening Results

The following pages provide (1) acronyms and abbreviations, (2) analytical laboratory qualifier codes, and (3) secondary validation codes. The secondary data validation summary is provided in Appendix F.

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
<	Based on qualifiers, the result was a nondetection.
–	none
CCV	continuing calibration verification
DCG	Derived Concentration Guide (DOE)
DNX	Dinitroso-RDX (or hexahydro 1,3-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
GW	groundwater
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
ICV	initial calibration verification
LAL	lower acceptance limit
LCS	laboratory control sample
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitrosodimethylamine
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC
NMWQCC	New Mexico Water Quality Control Commission
PCB	polychlorinated biphenyl
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
Scr	screening
TDS	total dissolved solids
TNX	trinitroso-RDX
TPU	total propagated uncertainty
UAL	upper acceptance limit

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Field Matrix Codes	
WS	base flow
Field Prep Codes	
F	filtered
UF	unfiltered
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FTB	field trip blank
FTR	field triplicate
PEB	performance evaluation blank
Analytical Suite Codes	
GROSSA	gross alpha
GROSSB	gross beta
HEXP	high explosives
SVOA	semivolatile organic analysis
VOA	volatile organic analysis
Lab Sample Type Codes	
CS	client sample
DL	dilution
RE	reanalysis
Lab Codes	
ARSL	American Radiation Services–Primary
GELC	General Engineering Laboratories, Inc., Charleston, SC
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
UTML	University of Miami Tritium Lab

Analytical Laboratory Qualifier Codes

Code	Description
*	(Inorganic)—Duplicate analysis (relative percent difference) not within control limits.
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
JP	See J code and see P code.
N*	See N code and see * code.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
U	The material was analyzed for but was not detected above the level of the associated numeric value.

Secondary Validation Codes

Flag Code	Description
J	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.
J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
J-	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.
R	The reported sample result is classified as rejected because of serious noncompliances regarding QC acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
U	The analyte is classified as not detected.
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.

Secondary Validation Codes (continued)

Reason Code	Description
HE7c	The ICV and/or CCV were recovered outside the method limits. The % difference between the ICV and CCV standard concentrations and their true values shall be calculated and must be ≤ 20%. The evaluation of CCV data applies to all CCVs that bracket samples of interest. If the % difference was reported with the wrong sign (e.g., + % difference for negative bias), document the occurrence in the data validation report and assess any infractions using the correct sign. 1. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 20%, qualify all associated detects as J+. 2. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 20% but ≤ 40% and negative (low bias), qualify all associated detects as J-, and if any other calibration criteria have been exceeded for that compound, qualify all associated nondetects as UJ. 3. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 40% but ≤ 60% and negative, qualify all associated detects as J and all associated nondetects as UJ. 4. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 60% and is negative, qualify all associated detects as J- and all associated nondetects as R.
HE12f	If the MS/MSD percent recovery was > 130%, qualify all associated detects as J+.
I4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5 times.
I6a	The associated MS recovery was less than the LAL but greater than 10%. Follow the external laboratory limits located within the associated data package.
I6b	The associated MS recovery was greater than the UAL. Follow the external laboratory limits located within the associated data package.
I10a	The sample and the duplicate sample results were ≥ 5 times the RL, and the duplicate RPD was > 20% for water samples and > 35% for soil samples.
J_LAB	Qualification of data via data validation did not occur based on QC requirements in this procedure. Adhere to the external laboratory qualifiers found within the Form I analytical data summary sheets generated by the external laboratory.
PE12f	The MS/MSD percent recovery was > 125%. Qualify all associated detects as J+.
R4	The sample result is ≤ 5 times the concentration of the related analyte in the method blank.
R5	The results for the affected analytes are considered not detected (U) because the associated sample concentration was less than or equal to the MDC.
R6a	The associated MS recovery was < 10%. Follow the external laboratory limits. MS/MSD is not applicable to gamma spectroscopy

Secondary Validation Codes (continued)

Reason Code	Description
R11	The results for the affected analytes should be regarded as not detected (U) because the associated sample concentration was less than 3 times the 1 sigma TPU.
SV7c	The ICV and/or CCV were recovered outside the method-specific limits.
SV12b	The LCS percent recovery was less than the UAL. Follow the external laboratory limits located within the associated data package.
SV88	Duplicate, dilution, or reanalysis.
U_LAB	Qualification of data via data validation did not occur based on QC requirements in this procedure. Adhere to the external laboratory qualifiers found within the Form I analytical data summary sheets generated by the external laboratory.
V7b	The affected analytes were analyzed with an RRF of < 0.05 in the initial calibration and/or CCV.
V7c	The ICV and/or CCV were recovered outside the method-specific limits.
V9	The extraction/analytical holding time is exceeded by < 2 times the published method for holding times.

Table D-1
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	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Alluvial	CDV-16-02657	SINGLE	0.4	04/16/10	H-3	UF	CS	—*	—	58.14	8.78	1.62843	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate Spring	Peter Spring	SPRING	—	04/19/10	H-3	UF	CS	—	—	56.74	8.56	1.5965	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate Spring	Fish Ladder Spring	SPRING	—	04/14/10	H-3	UF	CS	—	—	35.67	5.43	1.85194	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate	R-25b	SINGLE	750	04/21/10	H-3	UF	CS	—	<	2.49	0.71	1.9241018	pCi/L	Generic:Low_Level_Tritium	ARSL	—	U	R4
Intermediate	R-27i	SINGLE	619	04/15/10	H-3	UF	CS	—	<	-0.45	0.64	2.10738	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5

* — = None.

Table D-2
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	R-48	SINGLE	1500	04/07/10	PEB	UF	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC

Table D-3
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 Screening Level	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Intermediate	R-25	MULTI	754.8	09/21/10	U	F	CS	—*	—	43.7	—	—	µg/L	GELC	SW-846:6020	—	—	—	800	0.05	30	1.46	30	1.46	30	1.46
Intermediate	R-25	MULTI	891.8	09/21/10	GROSSA	UF	CS	—	—	5.28	1.4	2.1	pCi/L	GELC	EPA:900	—	—	—	30	0.18	—	—	15	0.35	—	—

* — = None.

Table D-4
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	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Regional	CdV-R-15-3	MULTI	1254.4	08/05/10	H-3	UF	CS	—*	<	-1.56	0.61	1.97966	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5

* — = None.

Table D-5
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
Alluvial	CDV-16-02659	SINGLE	2	09/09/10	—*	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	MSC-16-06295	SINGLE	2	09/14/10	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	WCO-1r	SINGLE	6	09/20/10	—	F	CS	ClO4	SW-846:6850	—	0.178	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate Spring	CDV-5.0 SPRING	SPRING	—	09/24/10	—	F	CS	ClO4	SW-846:6850	—	0.405	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	CDV-5.0 SPRING	SPRING	—	09/24/10	FD	F	CS	ClO4	SW-846:6850	—	0.417	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	SWSC Spring	SPRING	—	09/10/10	—	F	CS	ClO4	SW-846:6850	—	0.569	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Burning Ground Spring	SPRING	—	09/10/10	—	F	CS	ClO4	SW-846:6850	—	0.592	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	F	CS	ClO4	SW-846:6850	—	0.706	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Water Canyon Gallery	SPRING	—	09/10/10	—	F	CS	ClO4	SW-846:6850	—	0.218	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-26	MULTI	659	08/13/10	—	F	CS	ClO4	SW-846:6850	—	0.226	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-25b	SINGLE	750	09/08/10	—	F	CS	ClO4	SW-846:6850	—	0.306	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-25	MULTI	755	09/21/10	—	F	CS	ClO4	SW-846:6850	—	0.566	0.05	µg/L	1	—	J+	PE12f	GELC
Intermediate	R-25	MULTI	892	09/21/10	—	F	CS	ClO4	SW-846:6850	—	0.0866	0.05	µg/L	1	J	J+	PE12f	GELC
Intermediate	R-25	MULTI	1192	09/21/10	—	F	CS	ClO4	SW-846:6850	—	0.53	0.05	µg/L	1	—	J+	PE12f	GELC
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	F	CS	ClO4	SW-846:6850	—	0.501	0.05	µg/L	1	—	—	—	GELC
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	—	F	CS	ClO4	SW-846:6850	—	0.277	0.05	µg/L	1	—	—	—	GELC
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	FD	F	CS	ClO4	SW-846:6850	—	0.28	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-47i	SINGLE	840	09/23/10	—	F	CS	ClO4	SW-846:6850	—	0.272	0.05	µg/L	1	—	J+	PE12f	GELC
Intermediate	CDV-37-1(i)	SINGLE	632	09/21/10	—	F	CS	ClO4	SW-846:6850	—	0.127	0.05	µg/L	1	J	J+	PE12f	GELC
Intermediate	R-27i	SINGLE	619	09/20/10	—	F	CS	ClO4	SW-846:6850	—	0.134	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-25	MULTI	1303	09/23/10	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-25	MULTI	1406	09/22/10	—	F	CS	ClO4	SW-846:6850	—	0.234	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-25	MULTI	1606	09/23/10	—	F	CS	ClO4	SW-846:6850	—	0.263	0.05	µg/L	1	—	—	—	GELC
Regional	R-25	MULTI	1796	09/24/10	—	F	CS	ClO4	SW-846:6850	—	0.26	0.05	µg/L	1	—	—	—	GELC
Regional	R-48	SINGLE	1500	09/22/10	PEB	UF	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-48	SINGLE	1500	09/22/10	—	F	CS	ClO4	SW-846:6850	—	0.296	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-48	SINGLE	1500	09/22/10	FD	F	CS	ClO4	SW-846:6850	—	0.288	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	CdV-R-15-3	MULTI	1254	08/05/10	—	F	CS	ClO4	SW-846:6850	—	0.266	0.05	µg/L	1	—	—	—	GELC
Regional	CdV-R-15-3	MULTI	1350	08/04/10	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	CdV-R-15-3	MULTI	1640	08/04/10	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	CdV-R-37-2	MULTI	1200	08/11/10	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	CdV-R-37-2	MULTI	1359	08/10/10	—	F	CS	ClO4	SW-846:6850	—	0.297	0.05	µg/L	1	—	—	—	GELC
Regional	CdV-R-37-2	MULTI	1551	08/10/10	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-27	SINGLE	852	09/14/10	—	F	CS	ClO4	SW-846:6850	—	0.228	0.05	µg/L	1	—	—	—	GELC

* — = None.

Table D-6
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)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	Ba	F	CS	—*	—	6740	1	µg/L	GELC	—	—	—	SW-846:6010B	2000	3.37	1000	6.74
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	Ba	UF	CS	—	—	6550	1	µg/L	GELC	—	—	—	SW-846:6010B	2000	3.28	—	—
Alluvial	MSC-16-06295	SINGLE	1.5	09/14/10	Fe	F	CS	—	—	6390	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	6.39
Alluvial	MSC-16-06295	SINGLE	1.5	09/14/10	Mn	F	CS	—	—	1270	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	6.35
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	B	F	CS	—	—	1440	15	µg/L	GELC	—	—	—	SW-846:6010B	—	—	750	1.92
Intermediate	R-26 PZ-2	MULTI	150	09/10/10	Cr	UF	CS	—	—	117	13	µg/L	GELC	—	—	—	SW-846:6020	100	1.17	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	Ni	F	CS	—	—	454	0.5	µg/L	GELC	—	—	—	SW-846:6020	—	—	200	2.27
Regional	R-25	MULTI	1303.4	09/23/10	Hg	UF	CS	—	—	1.81	0.066	µg/L	GELC	—	—	—	EPA:245.2	2	0.91	2	0.91
Regional	R-48	SINGLE	1500	09/22/10	Fe	F	CS	FD	—	769	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	0.77
Regional	CdV-R-15-3	MULTI	1350.1	08/04/10	Mn	F	CS	—	—	313	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	1.57
Regional	CdV-R-37-2	MULTI	1200.3	08/11/10	As	F	CS	—	—	5.68	1.5	µg/L	GELC	—	—	—	SW-846:6020	10	0.57	—	—
Regional	CdV-R-37-2	MULTI	1200.3	08/11/10	Fe	F	CS	—	—	13100	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	13.1
Regional	CdV-R-37-2	MULTI	1200.3	08/11/10	Mn	F	CS	—	—	967	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	4.84

* — = None.

Table D-7
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 MCL	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Alluvial	CDV-16-02655	SINGLE	2.3	09/09/10	—*	UF	CS	VOA	Tetrachloroethene	127-18-4	—	1.2	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	5	0.24	1.1	1.09	—	—	20	0.06
Alluvial	CDV-16-02655	SINGLE	2.3	09/09/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.34	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.07	20	0.02	—	—	100	—
Alluvial	CDV-16-02656	SINGLE	3	09/17/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.33	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	CDV-16-02656	SINGLE	3	09/17/10	—	UF	CS	HEXP	HMX	2691-41-0	—	0.231	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Alluvial	CDV-16-02656	SINGLE	3	09/17/10	—	UF	CS	HEXP	RDX	121-82-4	—	0.245	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	6.1	0.04	—	—	—	—
Alluvial	CDV-16-02656	SINGLE	3	09/17/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	4.99	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	—	UF	CS	HEXP	DNX	DNX	—	0.44	0.069	µg/L	1	JP	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	—	UF	CS	HEXP	HMX	2691-41-0	—	20.9	0.52	µg/L	10	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1800	0.01	—	—
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	—	UF	CS	HEXP	MNX	MNX	—	1	0.091	µg/L	1	—	—	—	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	—	UF	CS	HEXP	TNX	TNX	—	0.5	0.082	µg/L	1	—	—	—	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	—	UF	DL	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	3.8	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.05	—	—
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	—	UF	DL	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	3.8	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.05	—	—
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	—	UF	DL	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	2.74	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.04	—	—
Alluvial	CDV-16-02659	SINGLE	1.7	09/09/10	—	UF	DL	HEXP	RDX	121-82-4	—	12.7	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	2.08	—	—	—	—
Alluvial	MSC-16-06295	SINGLE	1.5	09/14/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.38	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	MSC-16-06295	SINGLE	1.5	09/14/10	—	UF	CS	HEXP	HMX	2691-41-0	—	1.01	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Alluvial	MSC-16-06295	SINGLE	1.5	09/14/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	52	2.1	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Alluvial	WCO-1r	SINGLE	6	09/20/10	EQB	UF	CS	SVOA	Diethylphthalate	84-66-2	—	39	2.2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Alluvial	WCO-1r	SINGLE	6	09/20/10	—	UF	CS	HEXP	HMX	2691-41-0	—	1.98	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Alluvial	WCO-1r	SINGLE	6	09/20/10	—	UF	CS	HEXP	RDX	121-82-4	—	0.5	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.08	—	—	—	—
Intermediate Spring	CDV-5.0 SPRING	SPRING	—	09/24/10	FD	UF	CS	SVOA	Diethylphthalate	84-66-2	—	22.6	2.1	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Intermediate Spring	CDV-5.0 SPRING	SPRING	—	09/24/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	26.7	2.1	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Intermediate Spring	SWSC Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	0.665	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.01	—	—
Intermediate Spring	SWSC Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	0.432	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.01	—	—
Intermediate Spring	SWSC Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	HMX	2691-41-0	—	1.29	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate Spring	SWSC Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	MNX	MNX	—	0.23	0.091	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate Spring	SWSC Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.6	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Intermediate Spring	SWSC Spring	SPRING	—	09/10/10	—	UF	CS	VOA	Tetrachloroethene	127-18-4	—	1.48	0.3	µg/L	1	—	J-	V9	SW-846:8260B	GELC	5	0.3	1.1	1.35	—	—	20	0.07

Table D-7 (continued)

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 MCL	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Intermediate Spring	SWSC Spring	SPRING	—	09/10/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	1.34	0.25	µg/L	1	—	J-	V9	SW-846:8260B	GELC	5	0.27	20	0.07	—	—	100	0.01
Intermediate Spring	SWSC Spring	SPRING	—	09/10/10	—	UF	DL	HEXP	RDX	121-82-4	—	22.5	0.52	µg/L	10	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	3.69	—	—	—	—
Intermediate Spring	Burning Ground Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	0.265	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate Spring	Burning Ground Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	0.292	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate Spring	Burning Ground Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	HMX	2691-41-0	—	0.914	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate Spring	Burning Ground Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	RDX	121-82-4	—	12.5	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	2.05	—	—	—	—
Intermediate Spring	Burning Ground Spring	SPRING	—	09/10/10	—	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.687	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Intermediate Spring	Burning Ground Spring	SPRING	—	09/10/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	2.18	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Intermediate Spring	Burning Ground Spring	SPRING	—	09/10/10	—	UF	CS	VOA	Tetrachloroethene	127-18-4	—	1.42	0.3	µg/L	1	—	J-	V9	SW-846:8260B	GELC	5	0.28	1.1	1.29	—	—	20	0.07
Intermediate Spring	Burning Ground Spring	SPRING	—	09/10/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	1.6	0.25	µg/L	1	—	J-	V9	SW-846:8260B	GELC	5	0.32	20	0.08	—	—	100	0.02
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.34	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	CS	HEXP	3,5-Dinitroaniline	618-87-1	—	0.804	0.39	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	—	—	—	—
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	2.36	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.03	—	—
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	1.72	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.02	—	—
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	CS	HEXP	MNX	MNX	—	0.39	0.091	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	CS	HEXP	TNX	TNX	—	0.19	0.082	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.477	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	53.6	2.2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.31	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.06	20	0.02	—	—	100	—

Table D-7 (continued)

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 MCL	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	DL	HEXP	HMX	2691-41-0	—	17	1.3	µg/L	25	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	0.01	—	—
Intermediate Spring	Martin Spring	SPRING	—	09/14/10	—	UF	DL	HEXP	RDX	121-82-4	—	100	1.3	µg/L	25	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	16.39	—	—	—	—
Intermediate	R-26 PZ-2	MULTI	150	09/10/10	—	UF	CS	VOA	Tetrachloroethene	127-18-4	—	1.6	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	5	0.32	1.1	1.45	—	—	20	0.08
Intermediate	R-26 PZ-2	MULTI	150	09/10/10	EQB	UF	CS	SVOA	Diethylphthalate	84-66-2	—	14.8	2.4	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Intermediate	R-25b	SINGLE	750	09/08/10	—	UF	CS	HEXP	HMX	2691-41-0	—	0.677	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate	R-25b	SINGLE	750	09/08/10	—	UF	CS	HEXP	RDX	121-82-4	—	6.44	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	1.06	—	—	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	CS	HEXP	MNX	MNX	—	0.17	0.091	µg/L	1	P	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	CS	HEXP	RDX	121-82-4	—	26.2	0.52	µg/L	10	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	4.3	—	—	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	CS	HEXP	TNX	TNX	—	0.47	0.082	µg/L	1	P	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	CS	VOA	Butanol[1-]	71-36-3	—	157	15	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	3700	0.04	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	—	0.4	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	120	—	—	—	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	CS	VOA	Tetrachloroethene	127-18-4	—	0.68	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.14	1.1	0.62	—	—	20	0.03
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.64	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.13	20	0.03	—	—	100	0.01
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	DL	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	2.32	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.03	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	DL	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	2.4	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.03	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	DL	HEXP	Dinitrotoluene[2,4-]	121-14-2	—	0.698	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	2.2	0.32	—	—	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	DL	HEXP	HMX	2691-41-0	—	4.37	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	DL	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.862	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Intermediate	R-25	MULTI	754.8	09/21/10	—	UF	DL	HEXP	Trinitrotoluene[2,4,6-]	118-96-7	—	8.08	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	22	0.37	—	—	—	—
Intermediate	R-25	MULTI	891.8	09/21/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.33	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	1.07	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.01	—	—
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	0.504	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.01	—	—
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	CS	HEXP	HMX	2691-41-0	—	4.98	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	CS	HEXP	TNX	TNX	—	0.19	0.082	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.182	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	CS	HEXP	Trinitrotoluene[2,4,6-]	118-96-7	—	0.154	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	22	0.01	—	—	—	—
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	—	0.67	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	120	0.01	—	—	—	—
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	CS	VOA	Tetrachloroethene	127-18-4	—	0.35	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.07	1.1	0.32	—	—	20	0.02
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.45	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.09	20	0.02	—	—	100	—
Intermediate	R-25	MULTI	891.8	09/21/10	—	UF	DL	HEXP	RDX	121-82-4	—	18.5	0.26	µg/L	5	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	3.03	—	—	—	—
Intermediate	R-25	MULTI	1192.4	09/21/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.54	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	R-25	MULTI	1192.4	09/21/10	—	UF	CS	HEXP	DNX	DNX	—	0.18	0.069	µg/L	1	P	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—

Table D-7 (continued)

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 MCL	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Intermediate	R-25	MULTI	1192.4	09/21/10	—	UF	CS	HEXP	MNX	MNX	—	0.2	0.091	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	1192.4	09/21/10	—	UF	CS	HEXP	TNX	TNX	—	0.13	0.082	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	1192.4	09/21/10	—	UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	—	1.06	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	120	0.01	—	—	—	—
Intermediate	R-25	MULTI	1192.4	09/21/10	—	UF	DL	HEXP	RDX	121-82-4	—	20.6	0.26	µg/L	5	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	3.38	—	—	—	—
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	0.227	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	0.139	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	UF	CS	HEXP	HMX	2691-41-0	—	1.62	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	UF	CS	HEXP	MNX	MNX	—	0.27	0.091	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	UF	CS	HEXP	TNX	TNX	—	0.17	0.082	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	—	1.3	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	120	0.01	—	—	—	—
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	UF	CS	VOA	Tetrachloroethene	127-18-4	—	1.07	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	5	0.21	1.1	0.97	—	—	20	0.05
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	UF	CS	VOA	Toluene	108-88-3	—	0.29	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	CdV-16-1(i)	SINGLE	624	09/13/10	—	UF	DL	HEXP	RDX	121-82-4	—	32.2	0.52	µg/L	10	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	5.28	—	—	—	—
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	FD	UF	CS	HEXP	HMX	2691-41-0	—	0.332	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	FD	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.206	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	FD	UF	CS	VOA	Toluene	108-88-3	—	7.49	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	0.01	—	—	2300	—	750	0.01
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	FD	UF	DL	HEXP	RDX	121-82-4	—	51.2	1	µg/L	20	—	J+	HE12f	SW-846:8321A_MOD	GELC	—	—	6.1	8.39	—	—	—	—
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	—	UF	CS	HEXP	HMX	2691-41-0	—	0.386	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	—	UF	CS	HEXP	MNX	MNX	—	0.2	0.091	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	—	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.195	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	—	UF	CS	VOA	Tetrachloroethene	127-18-4	—	0.34	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.07	1.1	0.31	—	—	20	0.02
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	—	UF	CS	VOA	Toluene	108-88-3	—	9.91	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	0.01	—	—	2300	—	750	0.01
Intermediate	CdV-16-2(i)r	SINGLE	850	09/07/10	—	UF	DL	HEXP	RDX	121-82-4	—	52.1	1	µg/L	20	—	J+	HE12f	SW-846:8321A_MOD	GELC	—	—	6.1	8.54	—	—	—	—
Intermediate	R-47i	SINGLE	840	09/23/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	10.1	2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Intermediate	CDV-37-1(i)	SINGLE	632	09/21/10	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	3.38	2.3	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.56	48	0.07	—	—	—	—
Intermediate	CDV-37-1(i)	SINGLE	632	09/21/10	—	UF	CS	VOA	Acetone	67-64-1	—	4.87	3.5	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Intermediate	CDV-37-1(i)	SINGLE	632	09/21/10	—	UF	CS	VOA	Toluene	108-88-3	—	2.7	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-25	MULTI	1303.4	09/23/10	—	UF	CS	HEXP	HMX	2691-41-0	—	0.235	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Regional	R-25	MULTI	1303.4	09/23/10	—	UF	CS	HEXP	RDX	121-82-4	—	0.245	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	0.04	—	—	—	—
Regional	R-25	MULTI	1303.4	09/23/10	—	UF	CS	SVOA	Benzoic Acid	65-85-0	—	19.8	7.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	150000	—	—	—
Regional	R-25	MULTI	1406.3	09/22/10	—	UF	CS	HEXP	HMX	2691-41-0	—	0.111	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Regional	R-25	MULTI	1406.3	09/22/10	—	UF	CS	HEXP	RDX	121-82-4	—	0.347	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	0.06	—	—	—	—
Regional	R-25	MULTI	1606	09/23/10	—	UF	CS	HEXP	Trinitrotoluene[2,4,6-]	118-96-7	—	0.209	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	22	0.01	—	—	—	—

Table D-7 (continued)

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 MCL	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Regional	R-48	SINGLE	1500	09/22/10	FB	UF	CS	SVOA	Diethylphthalate	84-66-2	—	15.4	2.2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Regional	R-48	SINGLE	1500	09/22/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.43	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	CdV-R-15-3	MULTI	1350.1	08/04/10	EQB	UF	CS	VOA	Toluene	108-88-3	—	0.28	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	CdV-R-15-3	MULTI	1640.1	08/04/10	EQB	UF	CS	SVOA	Diethylphthalate	84-66-2	—	4.03	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Regional	CdV-R-37-2	MULTI	1200.3	08/11/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	31.2	2.1	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Regional	CdV-R-37-2	MULTI	1200.3	08/11/10	—	UF	CS	VOA	Isopropylbenzene	98-82-8	—	0.32	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	680	—	—	—
Regional	CdV-R-37-2	MULTI	1200.3	08/11/10	—	UF	CS	VOA	Isopropyltoluene[4-]	99-87-6	—	0.35	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	—	—	—	—
Regional	CdV-R-37-2	MULTI	1359.3	08/10/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	54.5	2.3	µg/L	1	—	J+	SV12b	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Regional	CdV-R-37-2	MULTI	1359.3	08/10/10	—	UF	RE	SVOA	Diethylphthalate	84-66-2	—	12.6	2.2	µg/L	1	—	J	SV88	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Regional	CdV-R-37-2	MULTI	1550.6	08/10/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	3.53	2.3	µg/L	1	J	J+	SV12b	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Regional	R-27	SINGLE	852	09/14/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.33	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	R-27	SINGLE	852	09/14/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	4.01	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Regional	R-27	SINGLE	852	09/14/10	—	UF	CS	SVOA	Indeno(1,2,3-cd)pyrene	193-39-5	—	0.4	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	0.29	1.38	—	—	—	—

*— = None.

Table D-8
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	E256 Canon de Valle below MDA P	09/07/10	—*	F	CS	ClO4	SW-846:6850	—	0.122	0.05	µg/L	1	J	J	J_LAB	GELC
WS	E252 Water above SR-501	09/10/10	—	F	CS	ClO4	SW-846:6850	—	0.235	0.05	µg/L	1	—	—	—	GELC
WS	E252 Water above SR-501	09/10/10	FD	F	CS	ClO4	SW-846:6850	—	0.236	0.05	µg/L	1	—	—	—	GELC
WS	Between E252 and Water at Beta	09/24/10	—	F	CS	ClO4	SW-846:6850	—	0.0634	0.05	µg/L	1	J	J	J_LAB	GELC

* — = None.

Table D-9
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) Screening Level	Ratio (Result/Screening Level)	NM Aquatic Chronic (100 mg hardness) Screening Level	Ratio (Result/Screening Level)
WS	E252 Water above SR-501	09/10/10	Al	F	CS	FD	—*	239	68	µg/L	GELC	—	—	—	SW-846:6010B	—	—	87	2.75
WS	E252 Water above SR-501	09/10/10	Al	F	CS	—	—	381	68	µg/L	GELC	—	—	—	SW-846:6010B	750	0.51	87	4.38
WS	Between E252 and Water at Beta	09/24/10	Al	F	CS	—	—	366	68	µg/L	GELC	—	—	—	SW-846:6010B	—	—	87	4.21

* — = None.

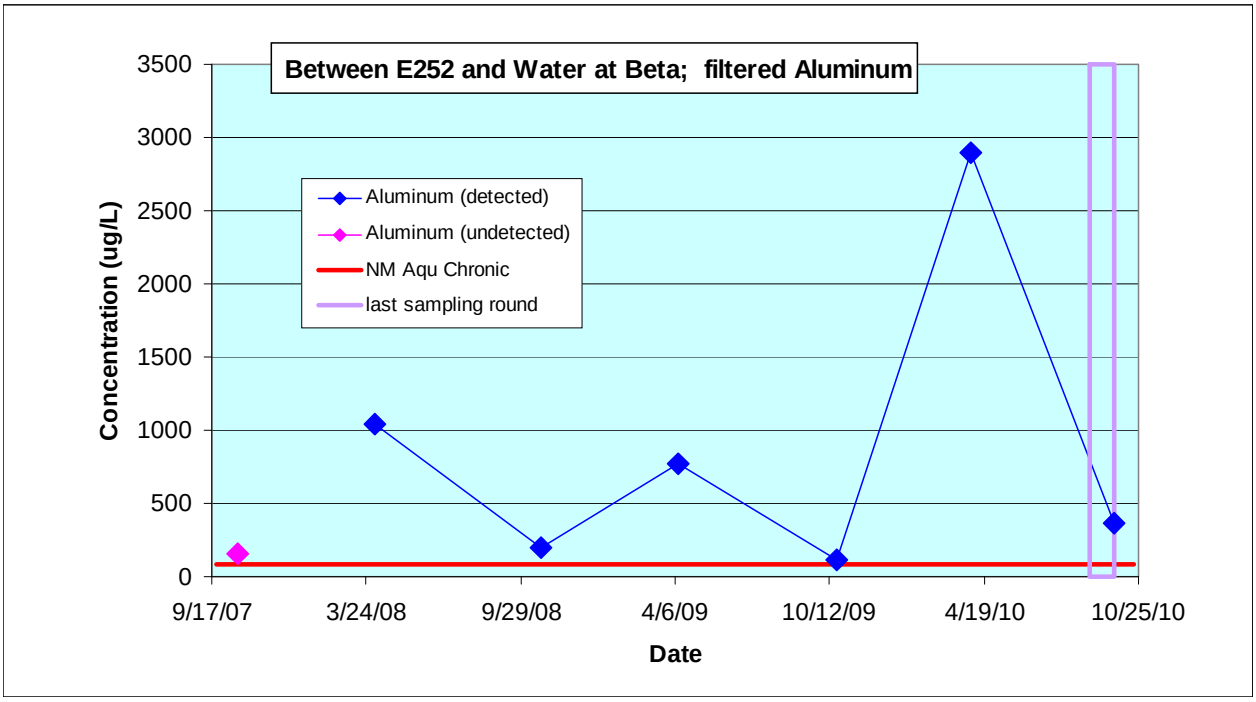
Table D-10
Surface Water Organics

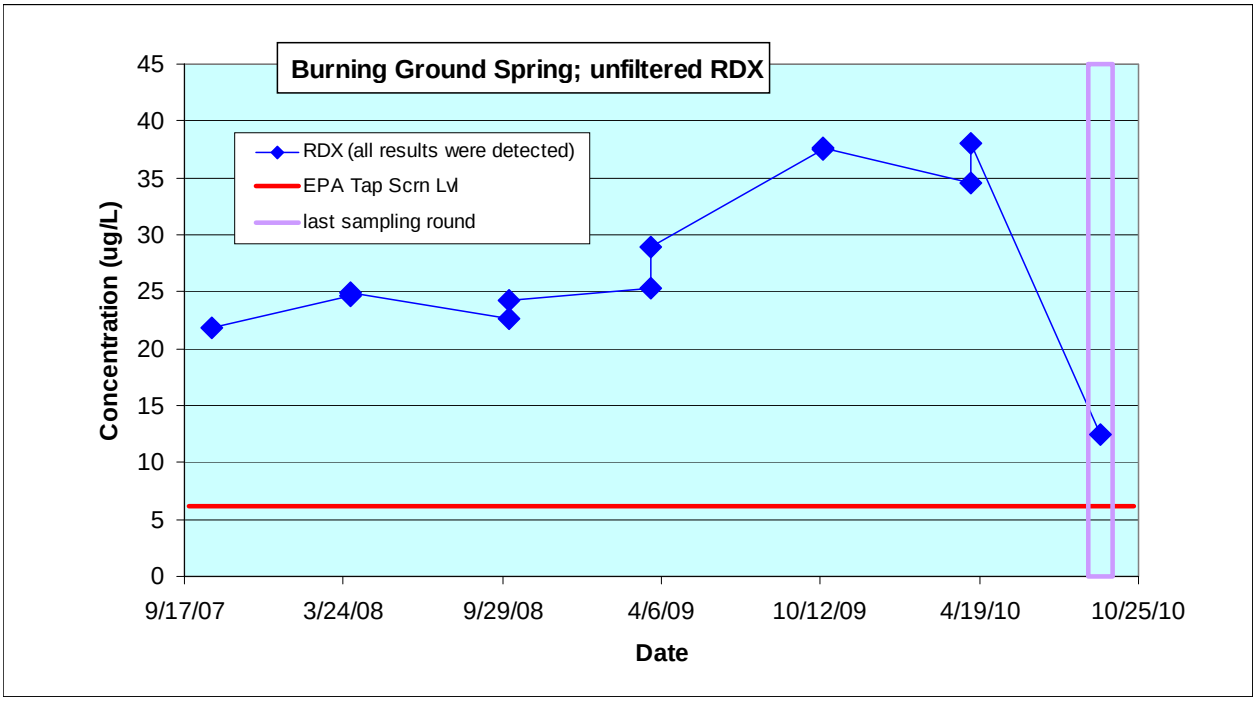
Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	NM Human Health Screening Level	Ratio (Result/Screening Level)
WS	E256 Canon de Valle below MDA P	09/07/10	—*	UF	CS	HEXP	DNX	DNX	—	0.27	0.069	µg/L	1	P	J	J_LAB	SW-846:8330	STSL	—	—
WS	E256 Canon de Valle below MDA P	09/07/10	—	UF	CS	HEXP	MNX	MNX	—	0.35	0.091	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—
WS	E256 Canon de Valle below MDA P	09/07/10	—	UF	CS	HEXP	TNX	TNX	—	0.68	0.082	µg/L	1	—	—	—	SW-846:8330	STSL	—	—
WS	E256 Canon de Valle below MDA P	09/07/10	—	UF	CS	SVOA	Benzo(a)anthracene	56-55-3	—	0.25	0.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	0.18	1.39

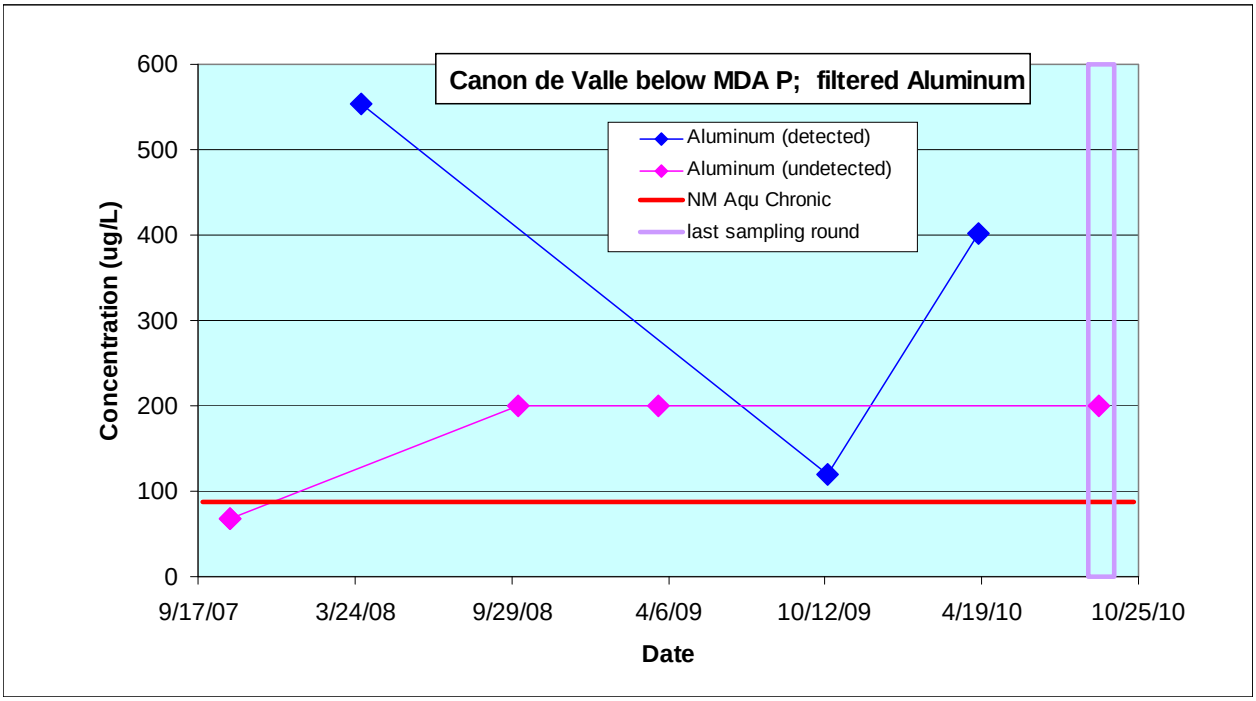
* — = None.

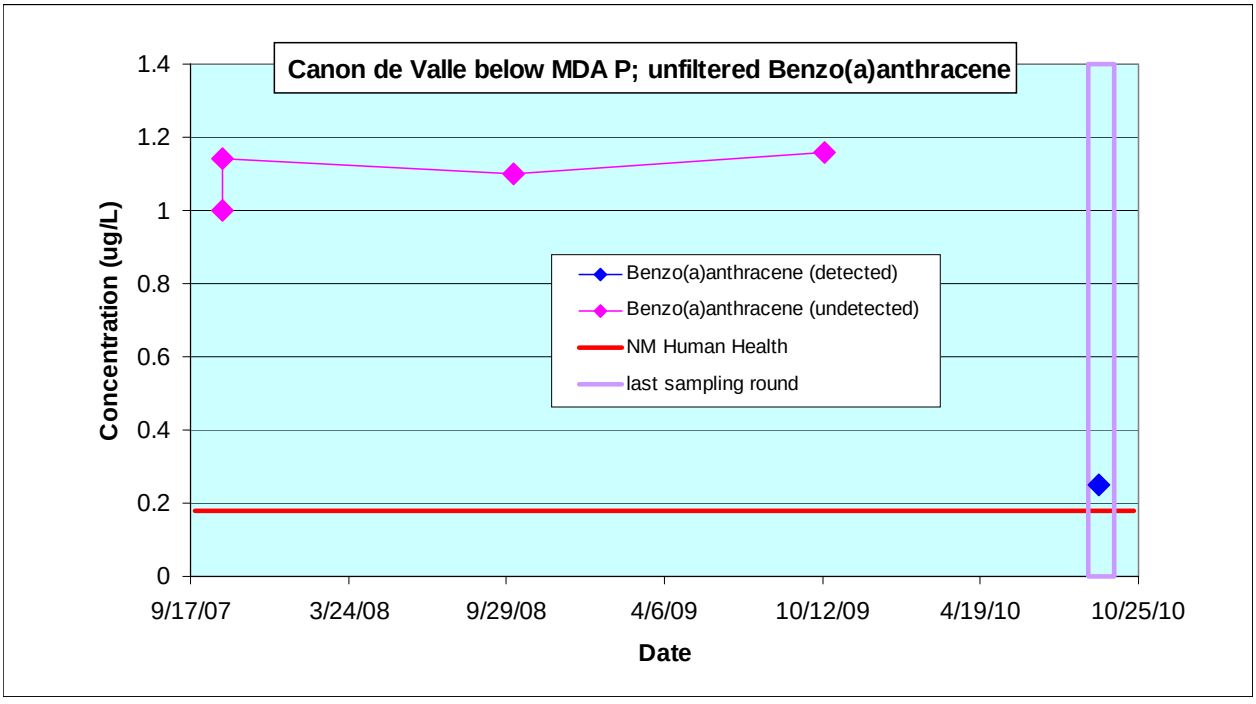
Appendix E

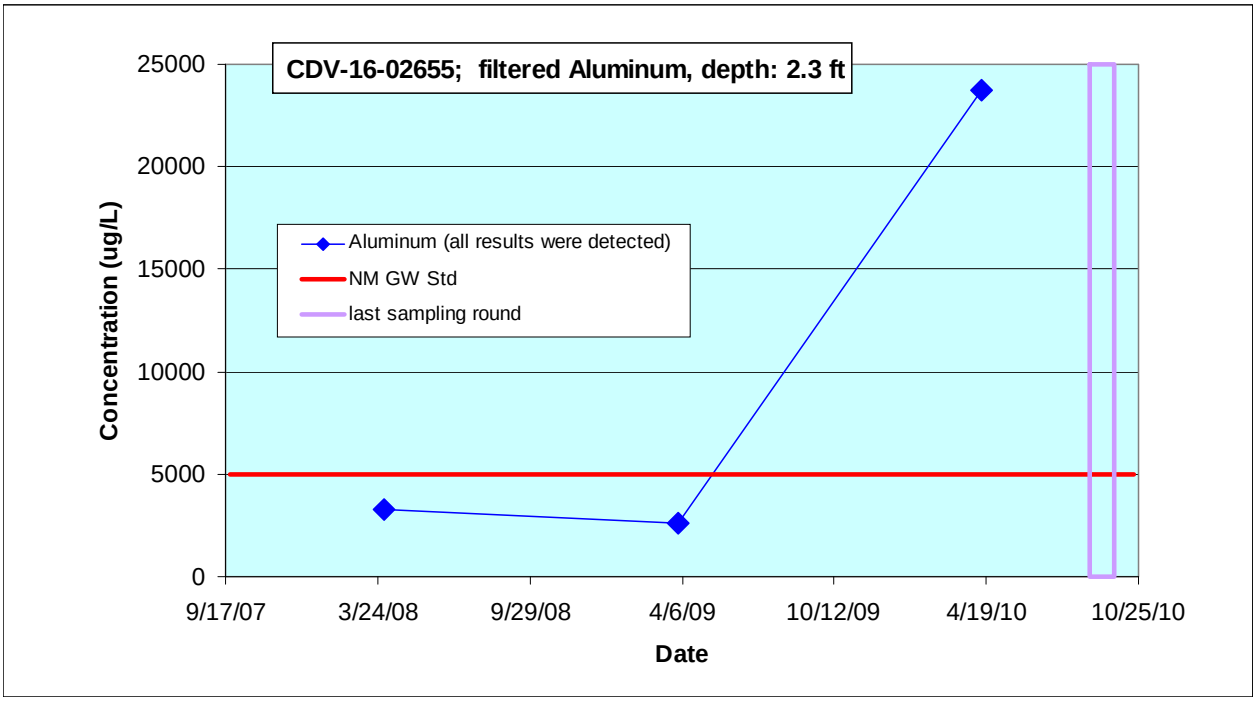
Analytical Chemistry Graphs of Screening-Level Exceedances

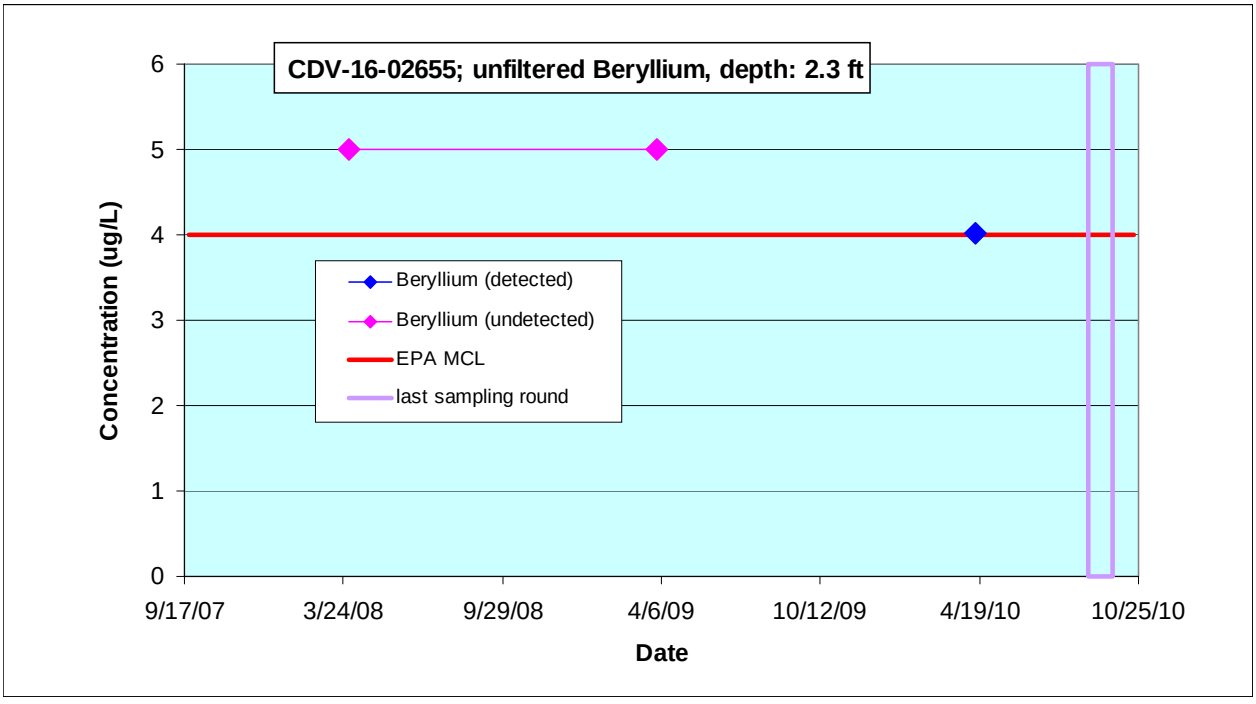

Between E252 and Water at Beta; filtered Aluminum
Aluminum (detected)
Aluminum (undetected)
NM Aqu Chronic
last sampling round
Concentration (ug/L)
3500
3000
2500
2000
1500
1000
500
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

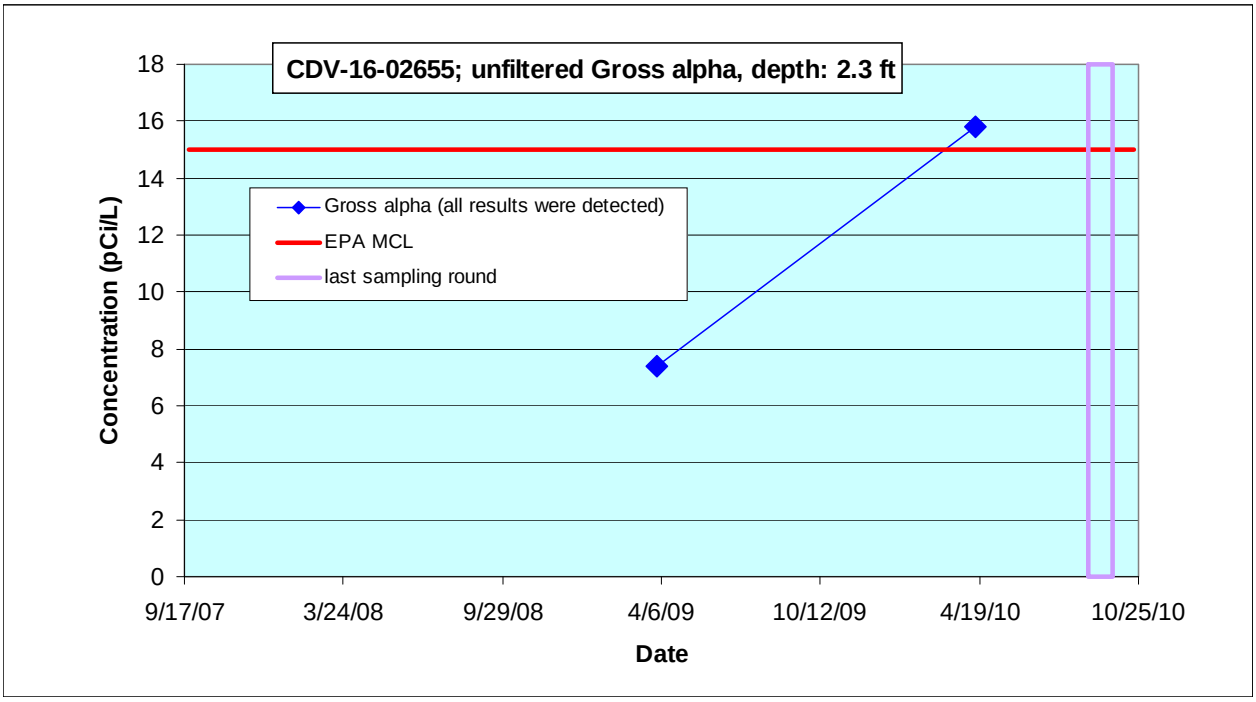

Burning Ground Spring; unfiltered RDX
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round
Concentration (ug/L)
45
40
35
30
25
20
15
10
5
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

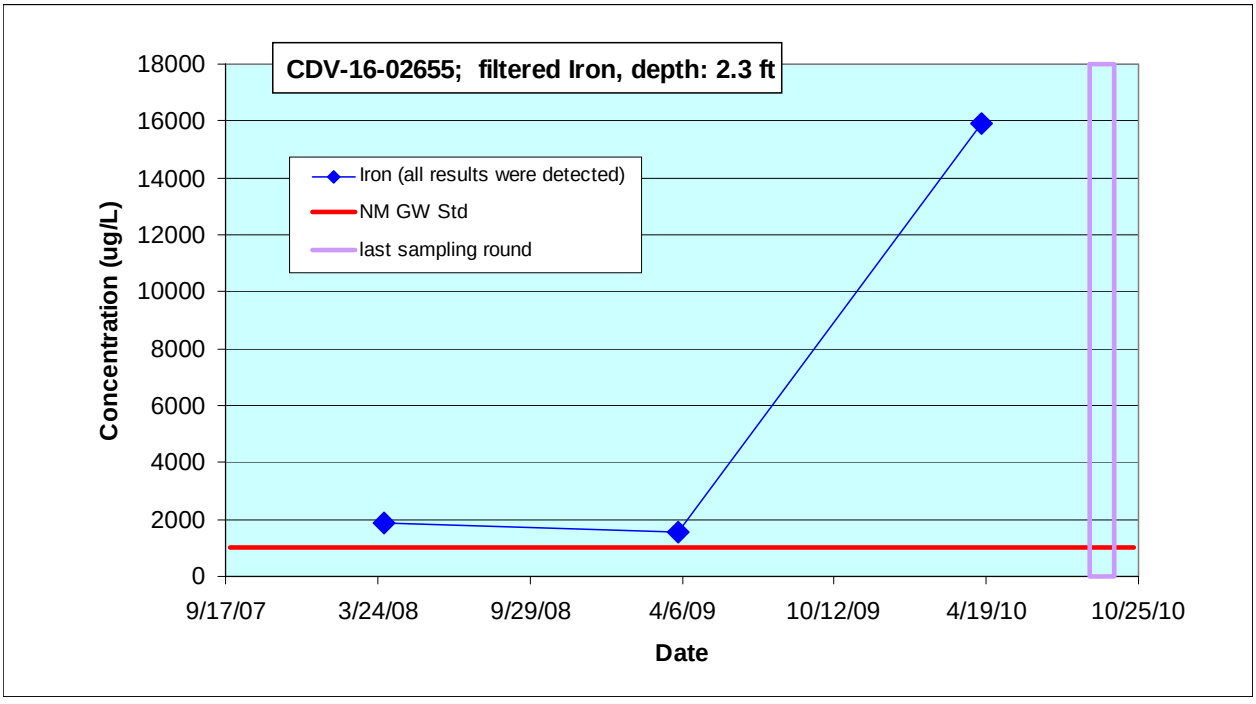

Canon de Valle below MDA P; filtered Aluminum
Aluminum (detected)
Aluminum (undetected)
NM Aqu Chronic
last sampling round
Concentration (ug/L)
600
500
400
300
200
100
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

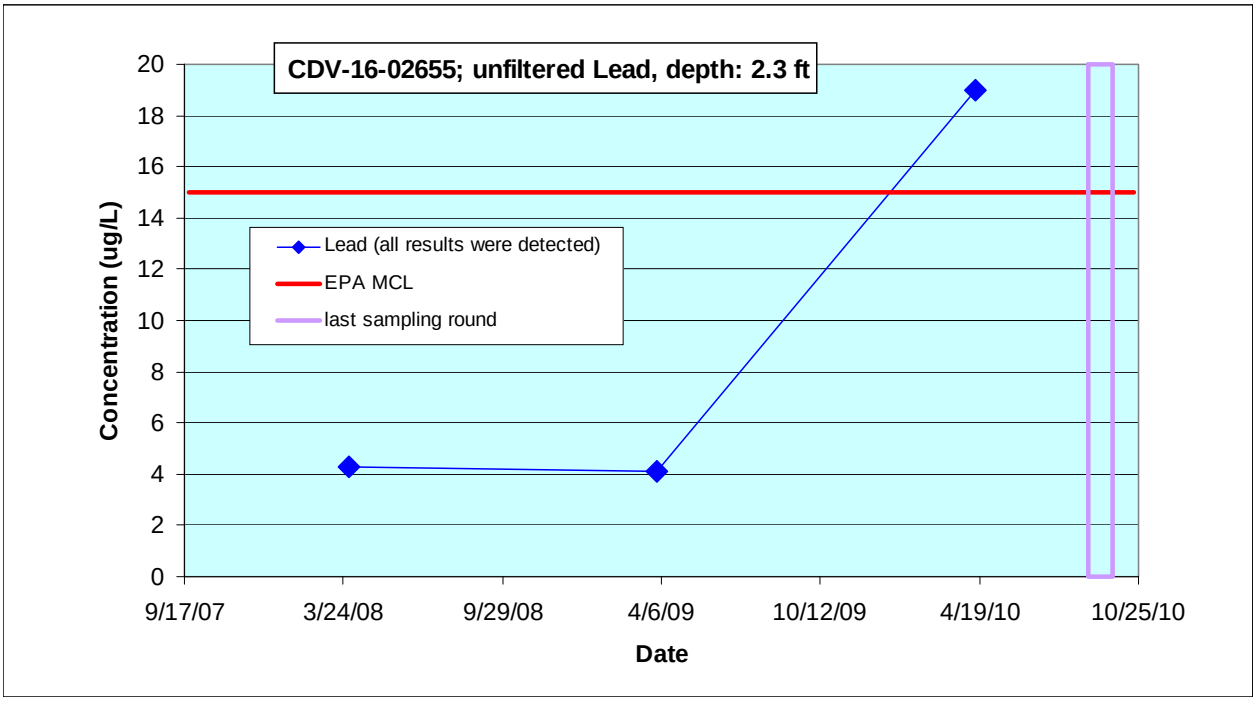

Canon de Valle below MDA P; unfiltered Benzo(a)anthracene
Benzo(a)anthracene (detected)
Benzo(a)anthracene (undetected)
NM Human Health
last sampling round
Concentration (ug/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

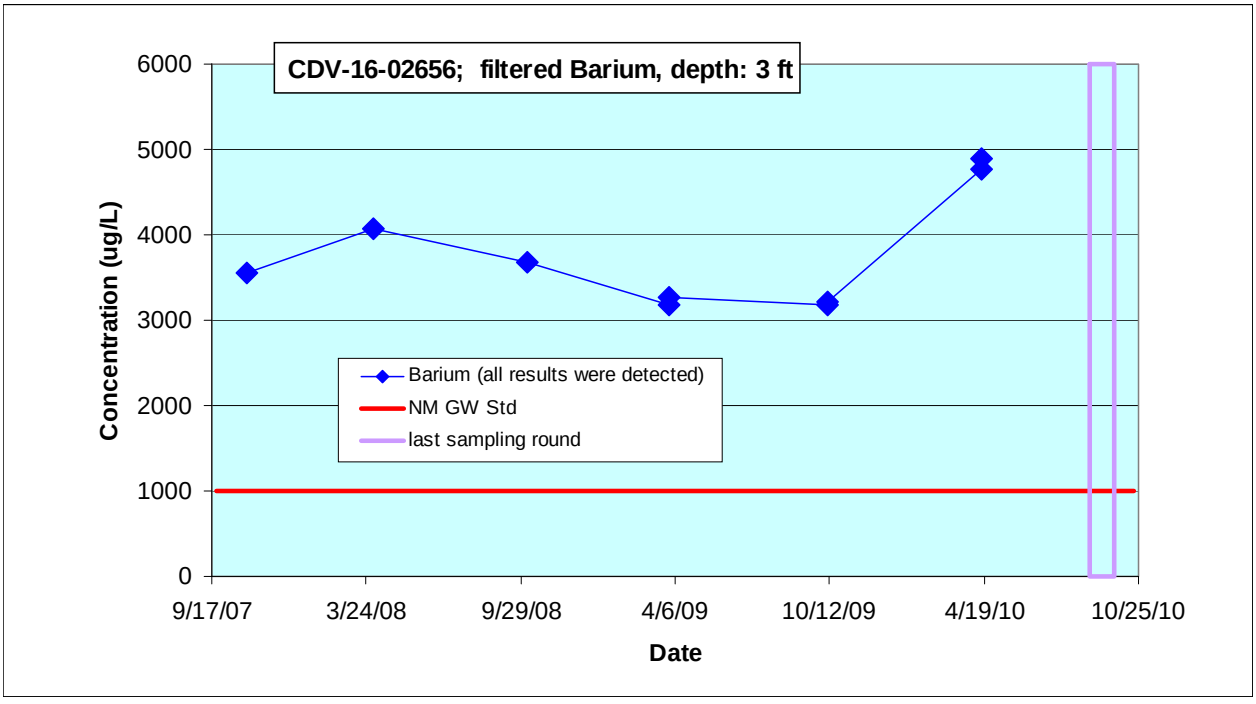

CDV-16-02655; filtered Aluminum, depth: 2.3 ft
Concentration (ug/L)
25000
20000
15000
10000
5000
0
Aluminum (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

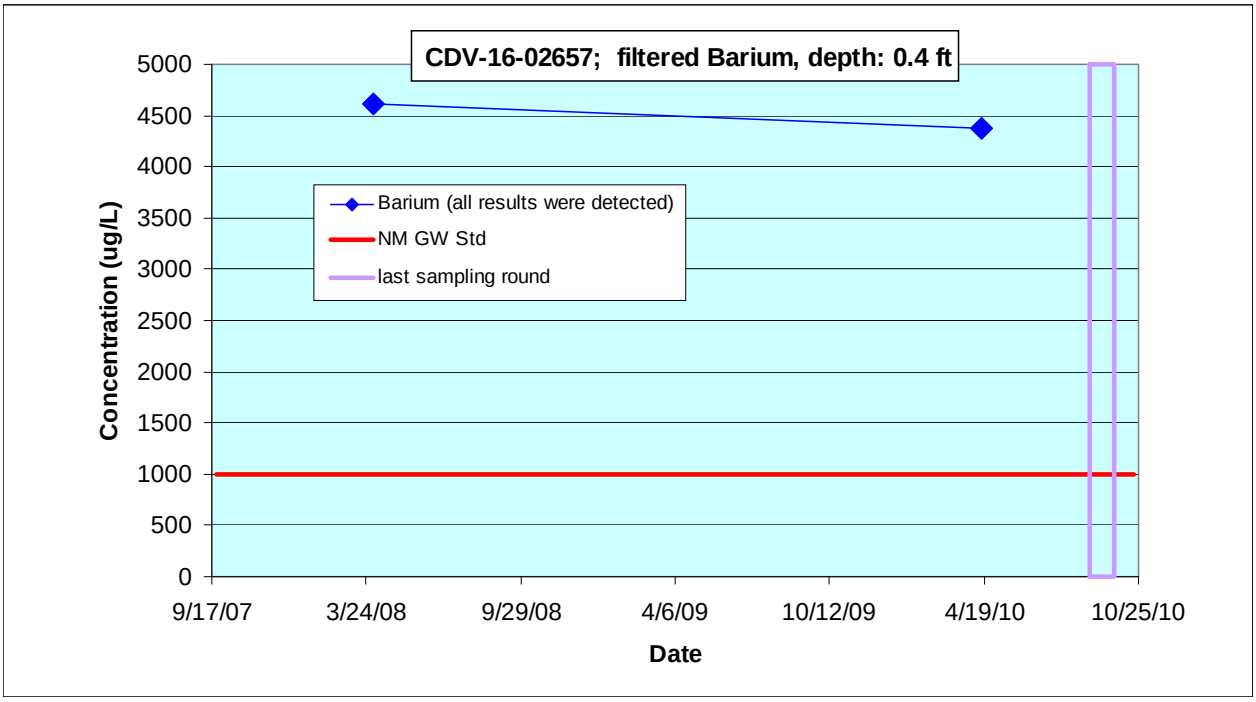

CDV-16-02655; unfiltered Beryllium, depth: 2.3 ft
Concentration (ug/L)
6
5
4
3
2
1
0
Beryllium (detected)
Beryllium (undetected)
EPA MCL
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

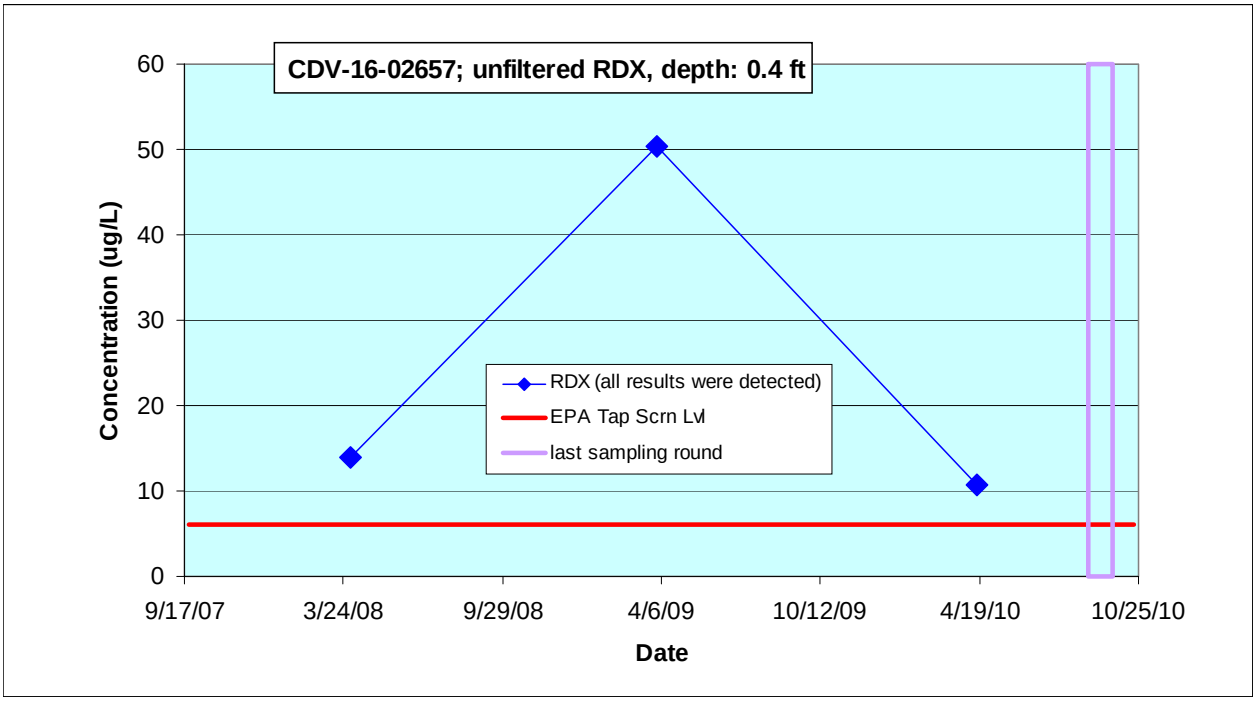

CDV-16-02655; unfiltered Gross alpha, depth: 2.3 ft
Concentration (pCi/L)
18
16
14
12
10
8
6
4
2
0
Gross alpha (all results were detected)
EPA MCL
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

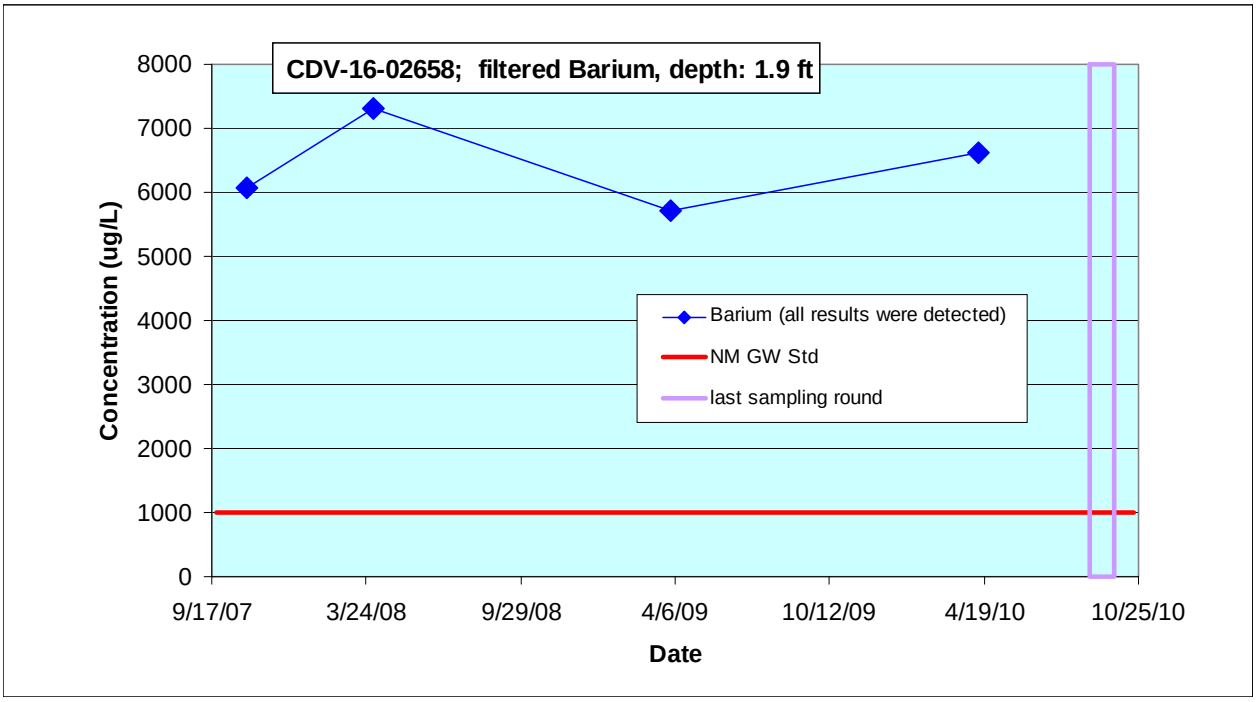

CDV-16-02655; filtered Iron, depth: 2.3 ft
Concentration (ug/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Iron (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

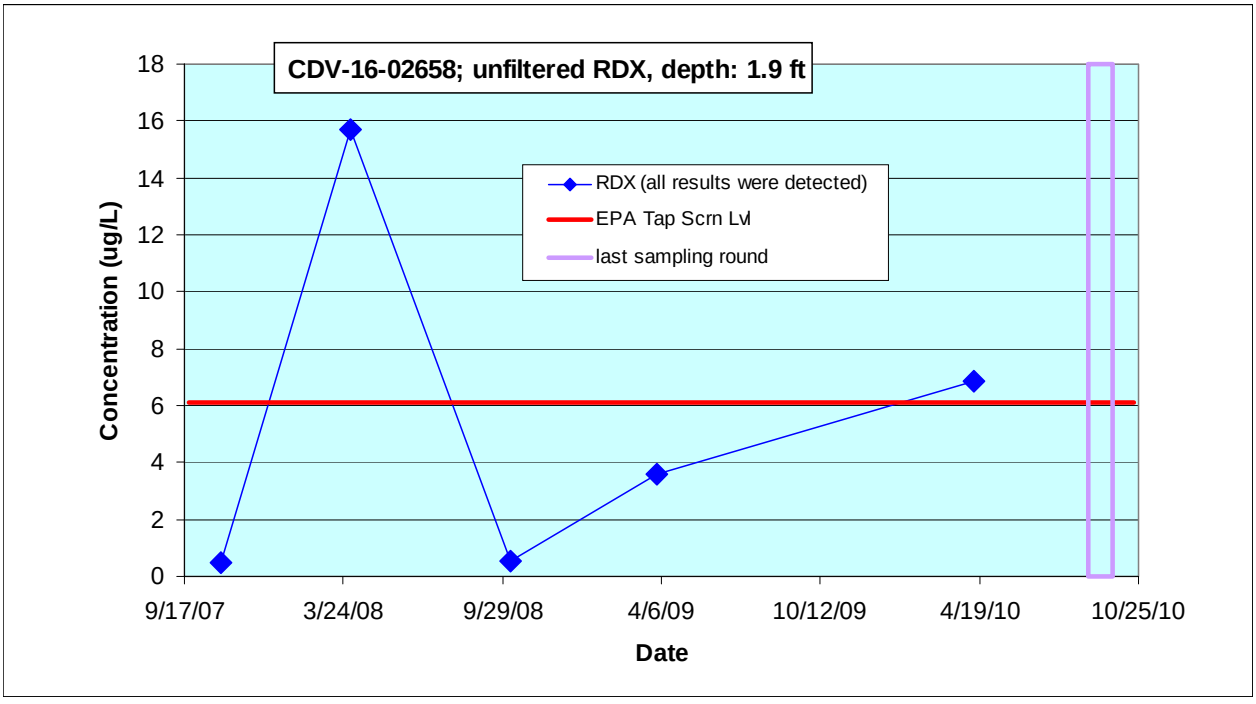

CDV-16-02655; unfiltered Lead, depth: 2.3 ft
Concentration (ug/L)
20
18
16
14
12
10
8
6
4
2
0
Lead (all results were detected)
EPA MCL
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

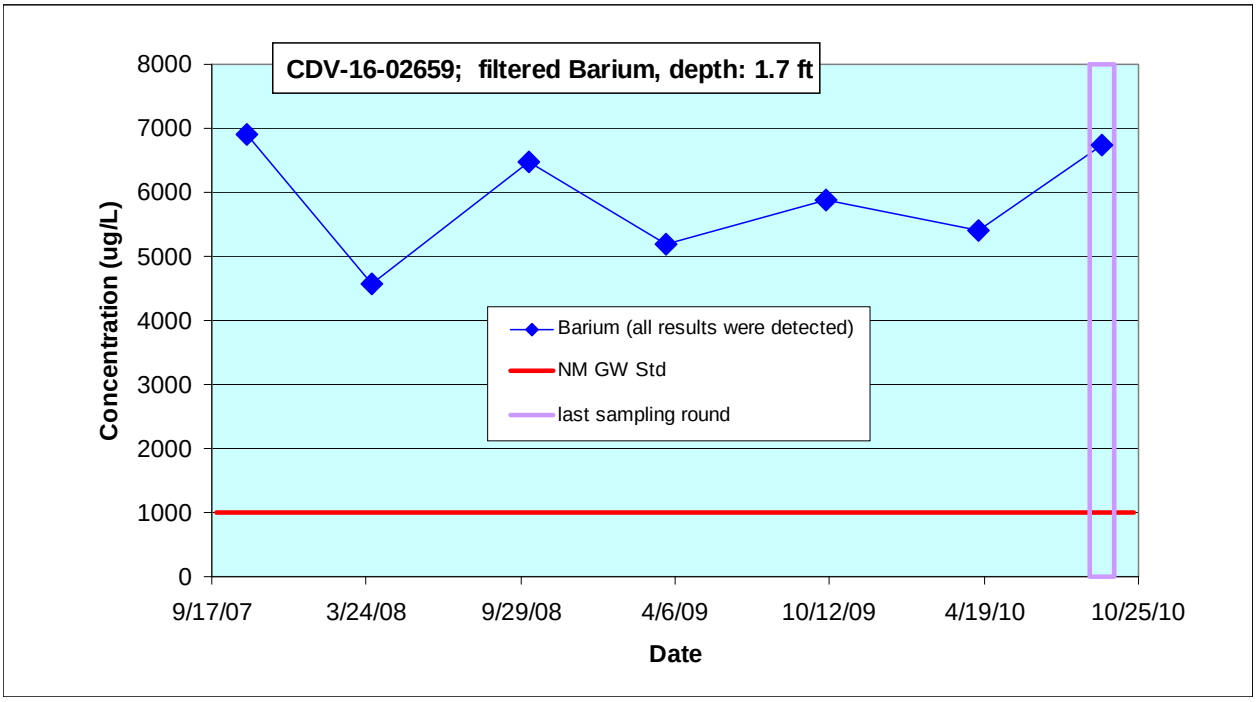

CDV-16-02656; filtered Barium, depth: 3 ft
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
Barium (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

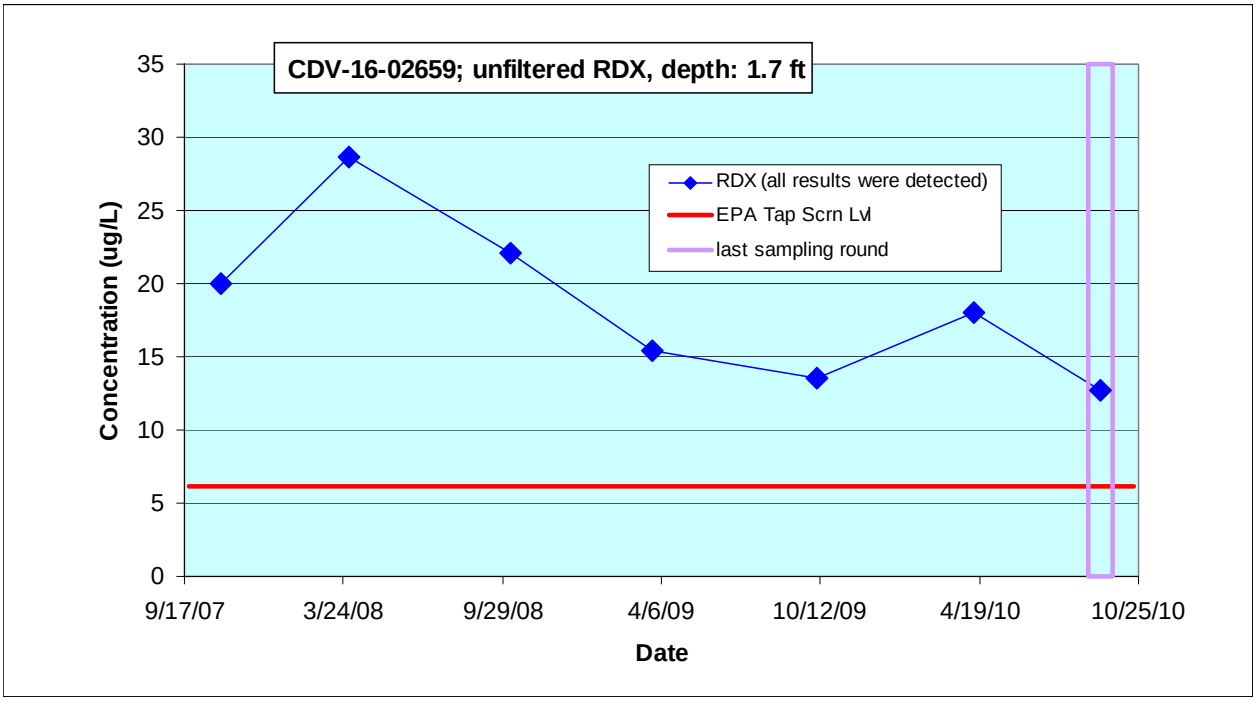

CDV-16-02657; filtered Barium, depth: 0.4 ft
Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Barium (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

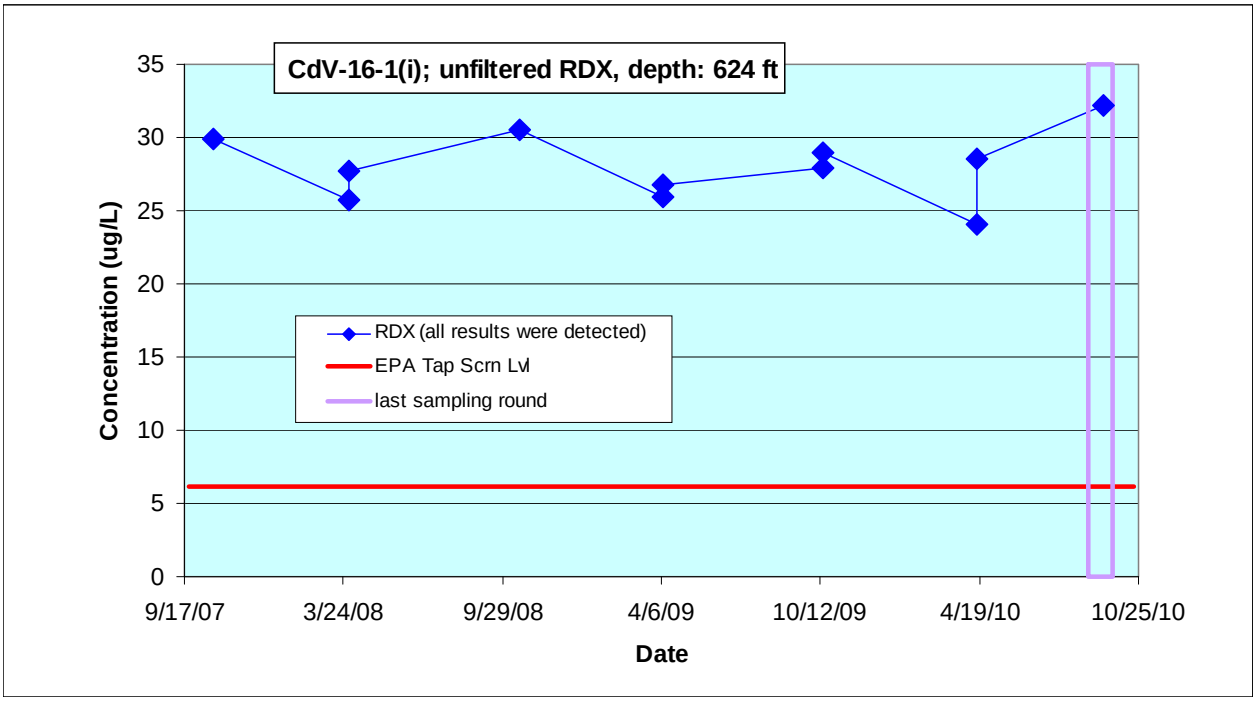

CDV-16-02657; unfiltered RDX, depth: 0.4 ft
Concentration (ug/L)
60
50
40
30
20
10
0
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

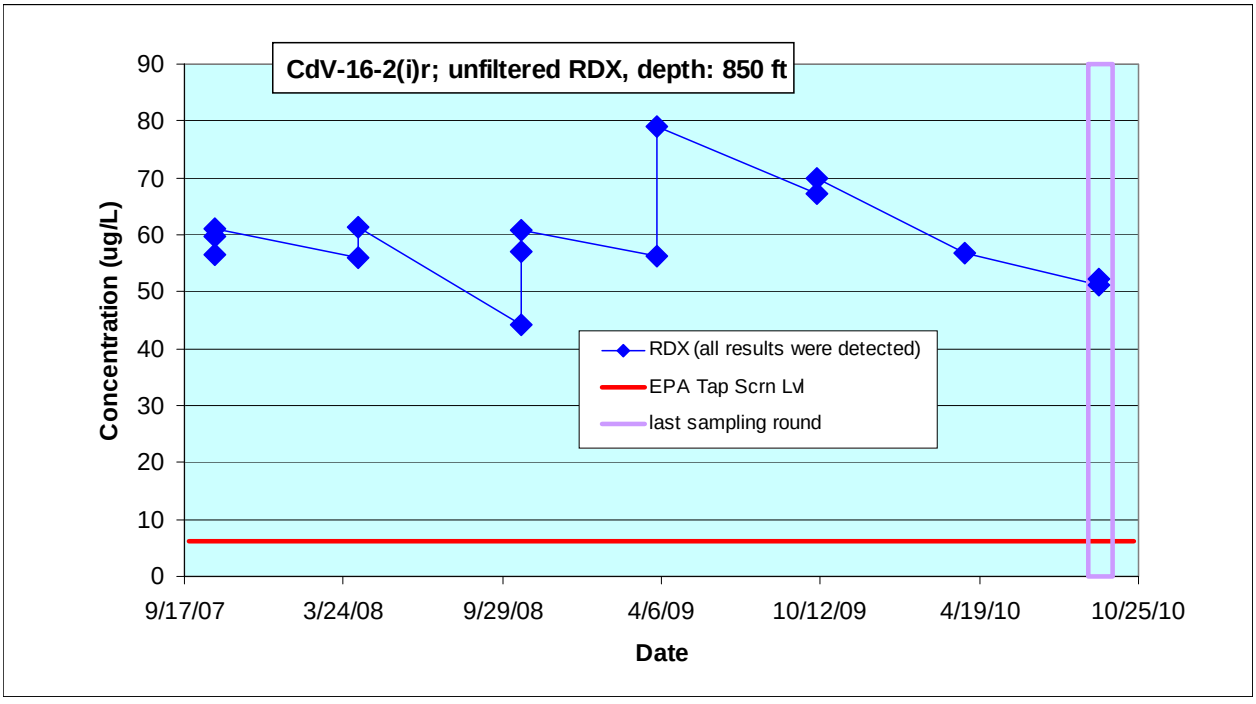

CDV-16-02658; filtered Barium, depth: 1.9 ft
Concentration (ug/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
Barium (all results were detected)
NM GW Std
last sampling round

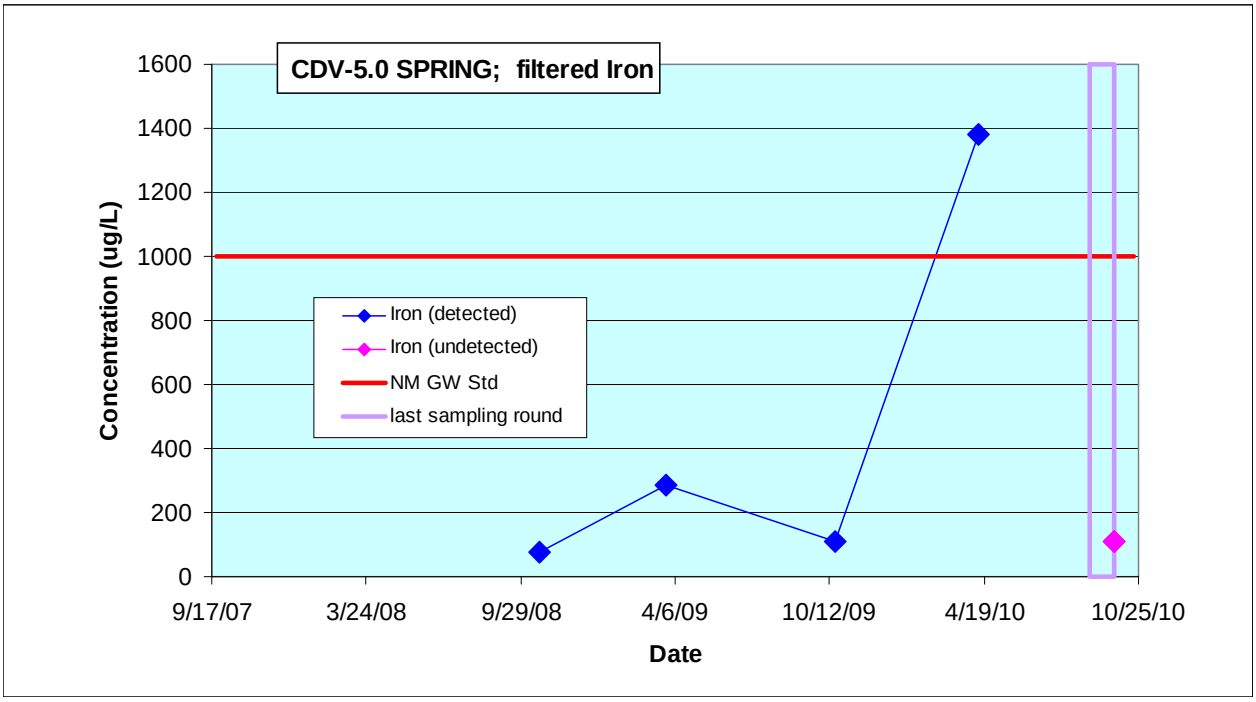

CDV-16-02658; unfiltered RDX, depth: 1.9 ft
Concentration (ug/L)
18
16
14
12
10
8
6
4
2
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round

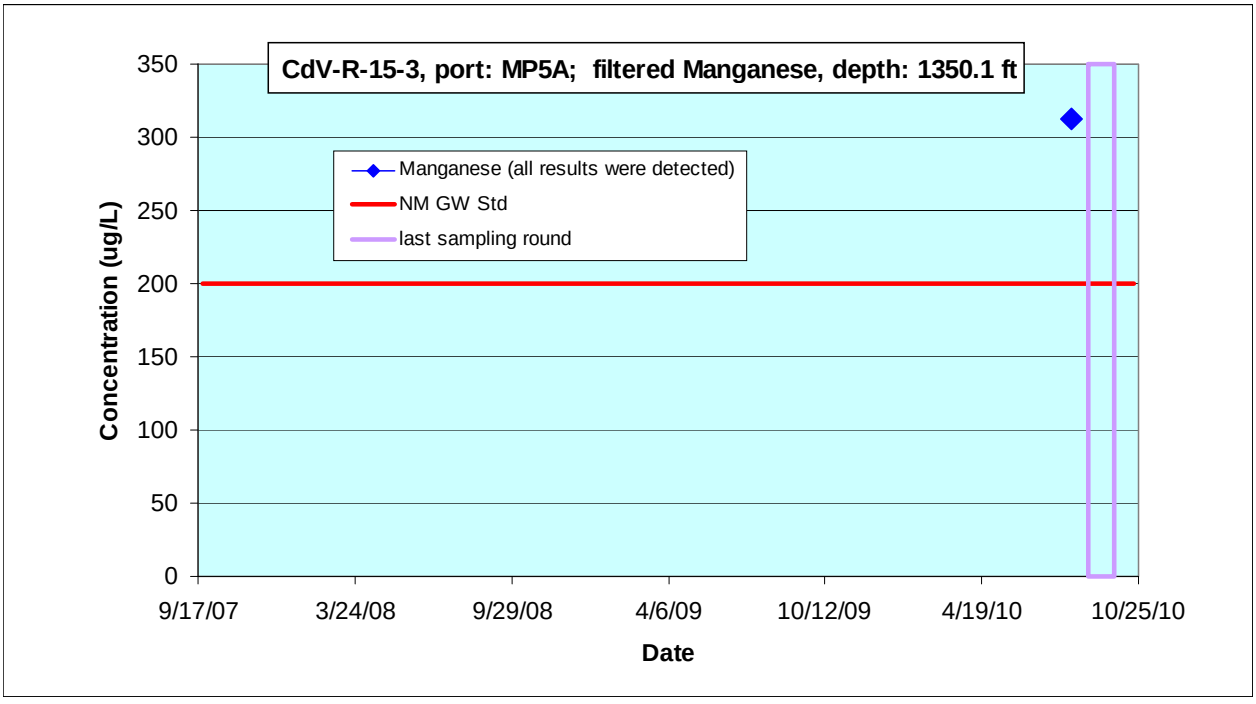

CDV-16-02659; filtered Barium, depth: 1.7 ft
Concentration (ug/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
Barium (all results were detected)
NM GW Std
last sampling round

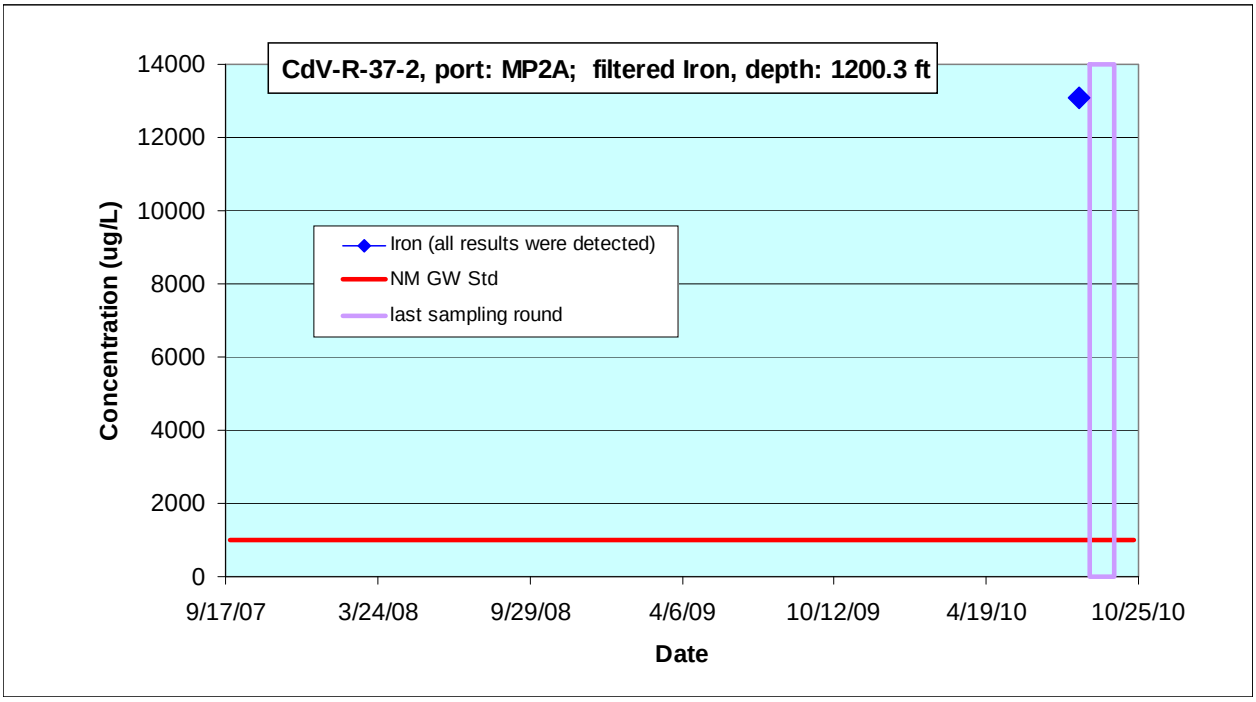

CDV-16-02659; unfiltered RDX, depth: 1.7 ft
Concentration (ug/L)
35
30
25
20
15
10
5
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round

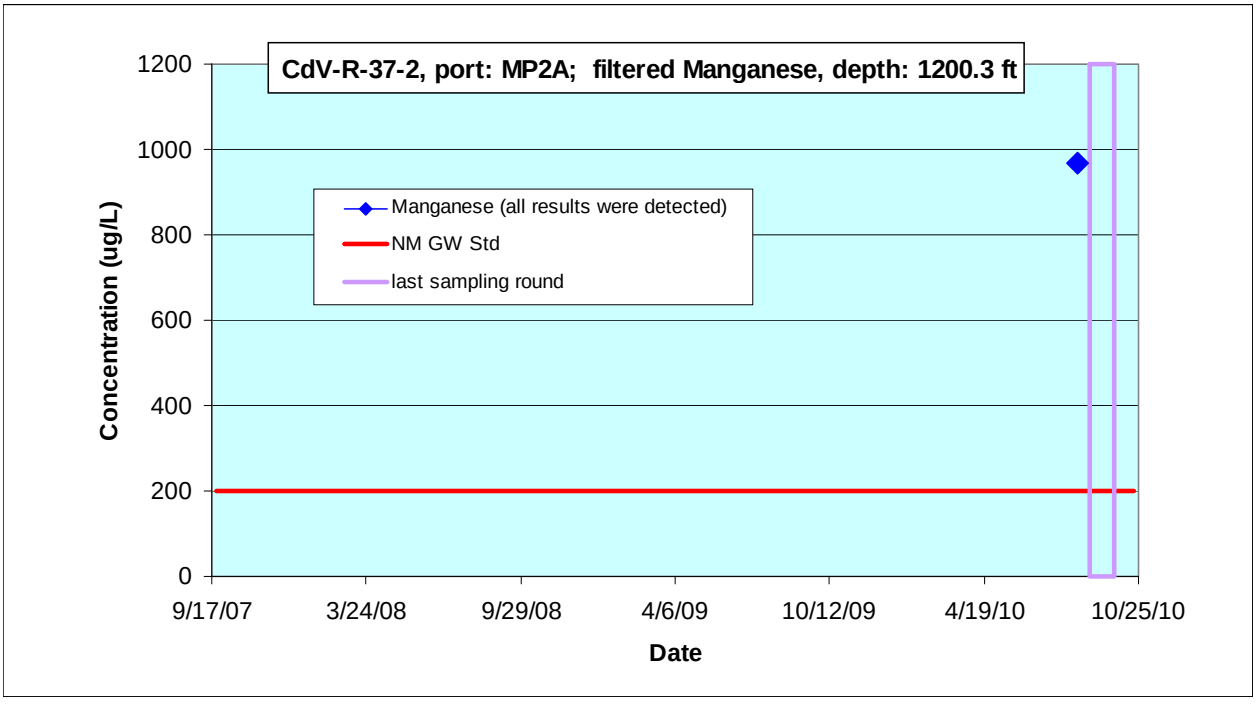

CdV-16-1(i); unfiltered RDX, depth: 624 ft
Concentration (ug/L)
35
30
25
20
15
10
5
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round

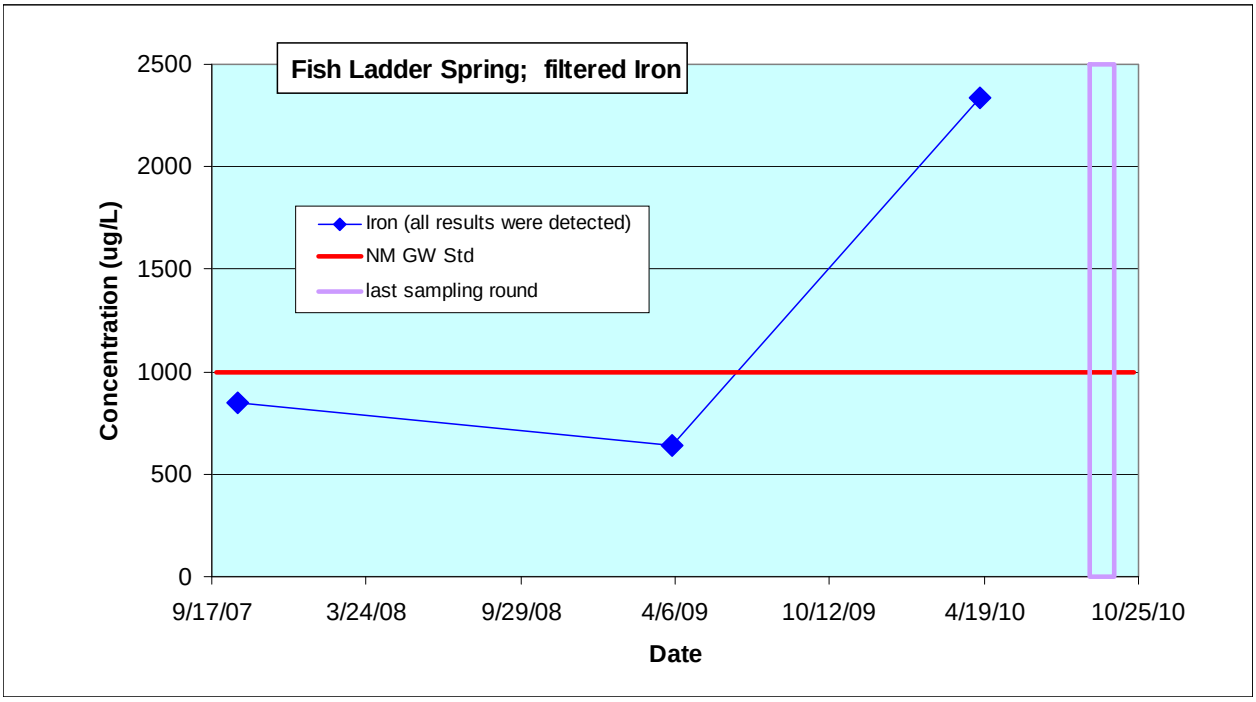

CdV-16-2(i)r; unfiltered RDX, depth: 850 ft
Concentration (ug/L)
90
80
70
60
50
40
30
20
10
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round

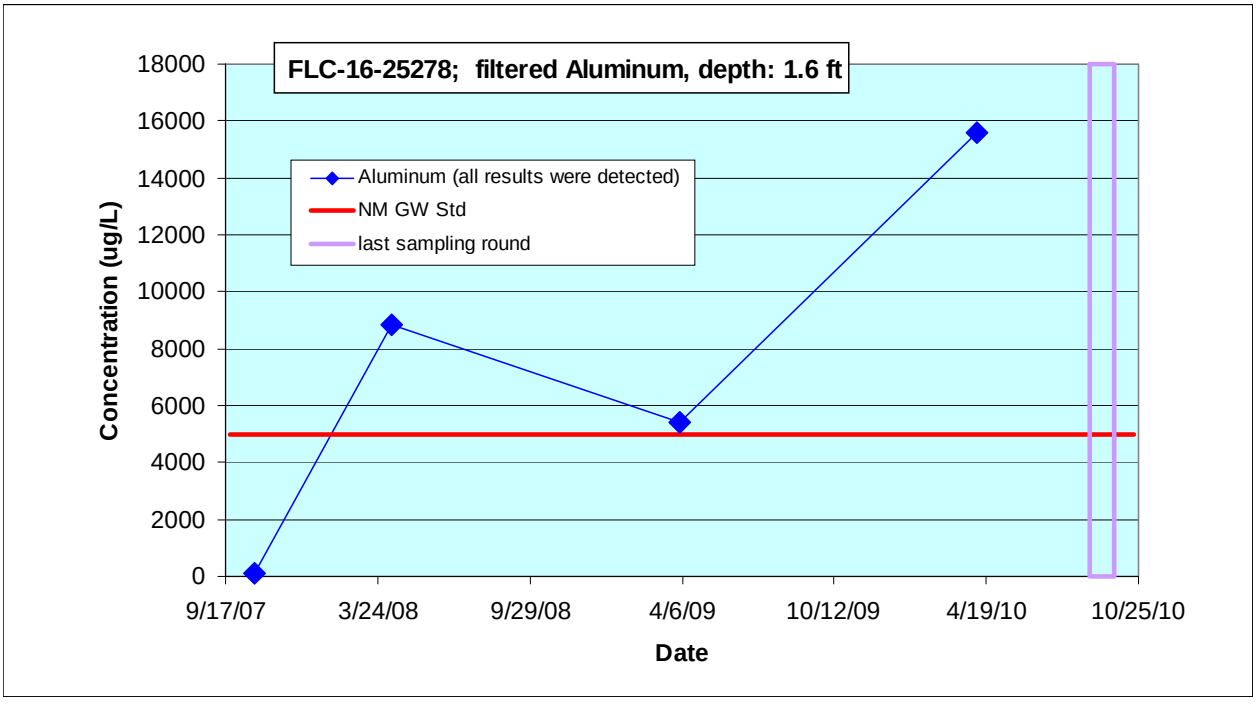

CDV-5.0 SPRING; filtered Iron
Concentration (ug/L)
1600
1400
1200
1000
800
600
400
200
0
Iron (detected)
Iron (undetected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

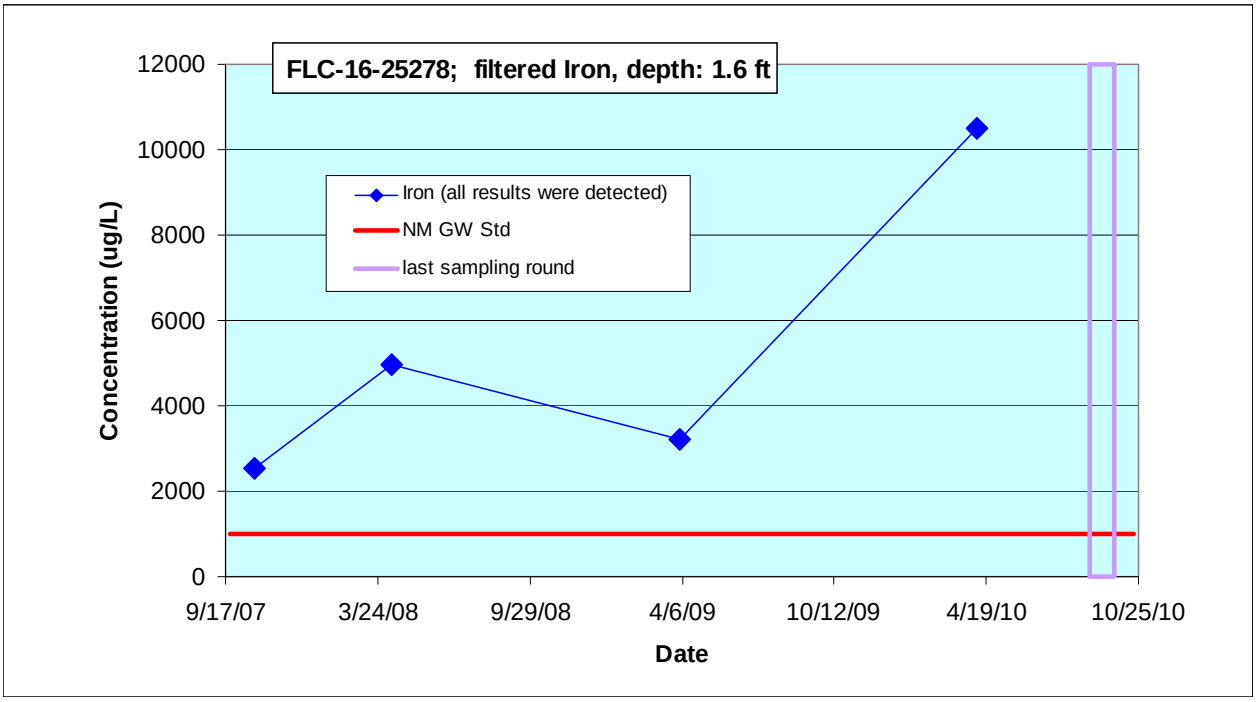

CdV-R-15-3, port: MP5A; filtered Manganese, depth: 1350.1 ft
Concentration (ug/L)
350
300
250
200
150
100
50
0
Manganese (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

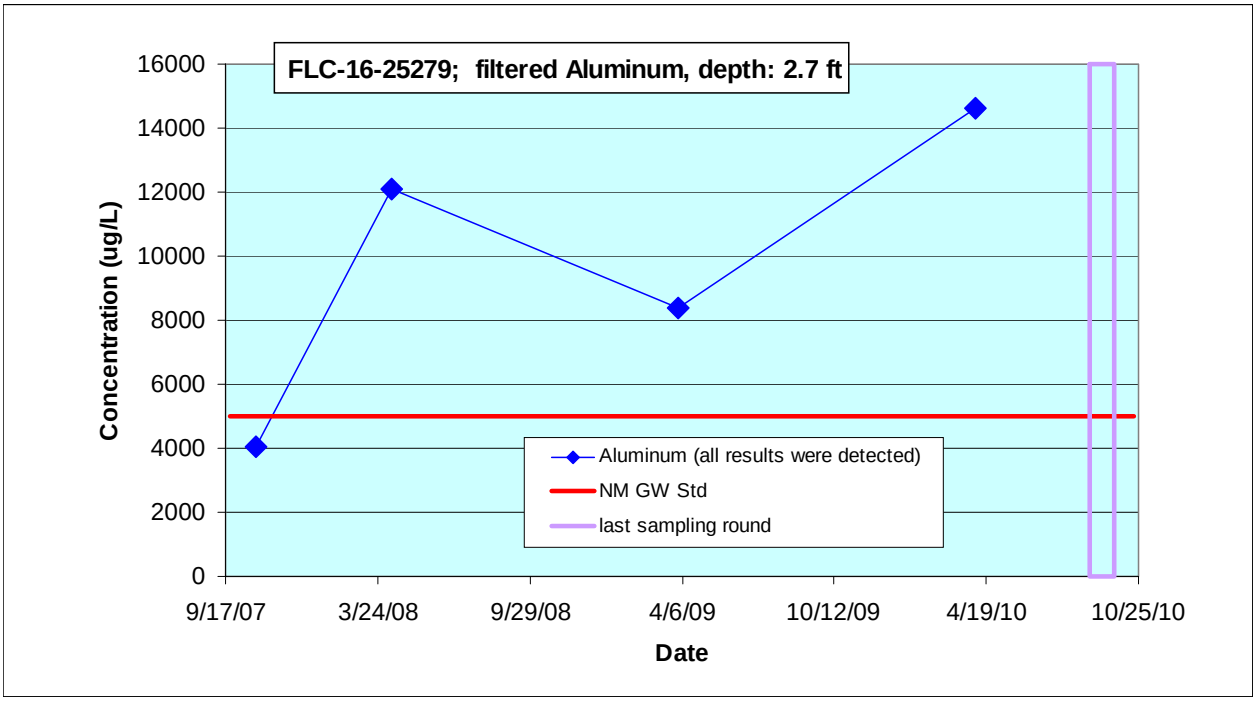

CdV-R-37-2, port: MP2A; filtered Iron, depth: 1200.3 ft
Concentration (ug/L)
14000
12000
10000
8000
6000
4000
2000
0
Iron (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

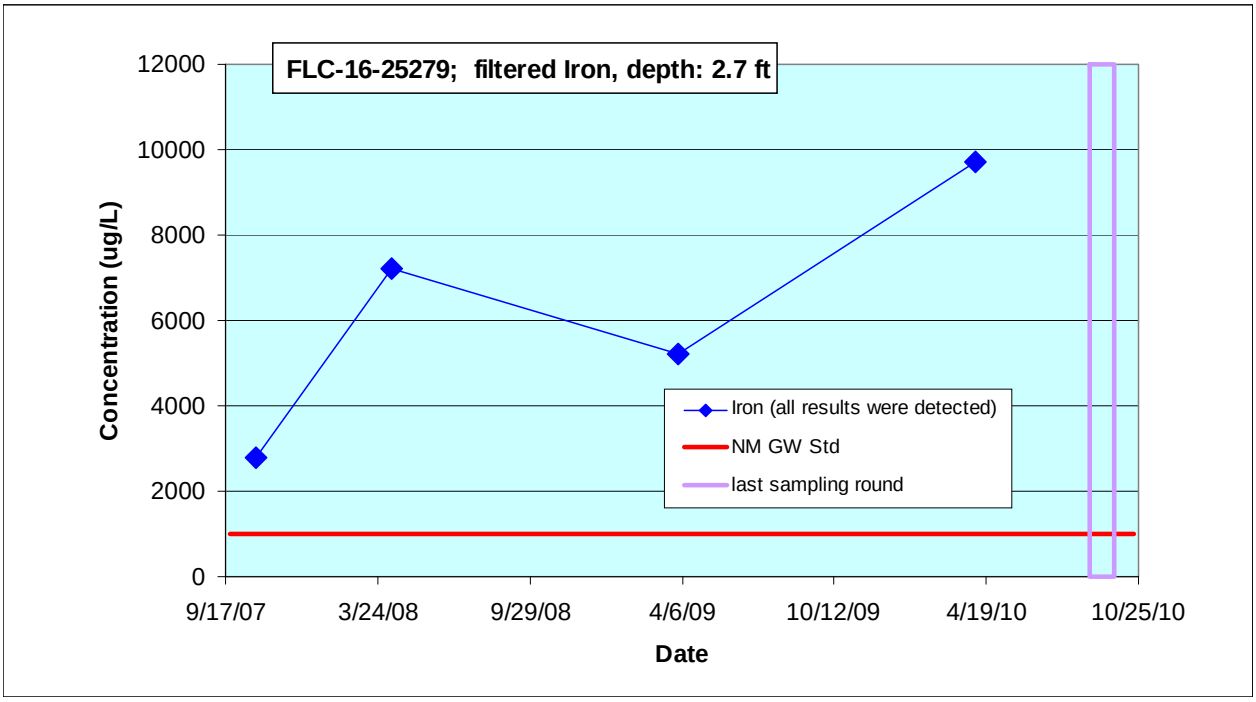

CdV-R-37-2, port: MP2A; filtered Manganese, depth: 1200.3 ft
Concentration (ug/L)
1200
1000
800
600
400
200
0
Manganese (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

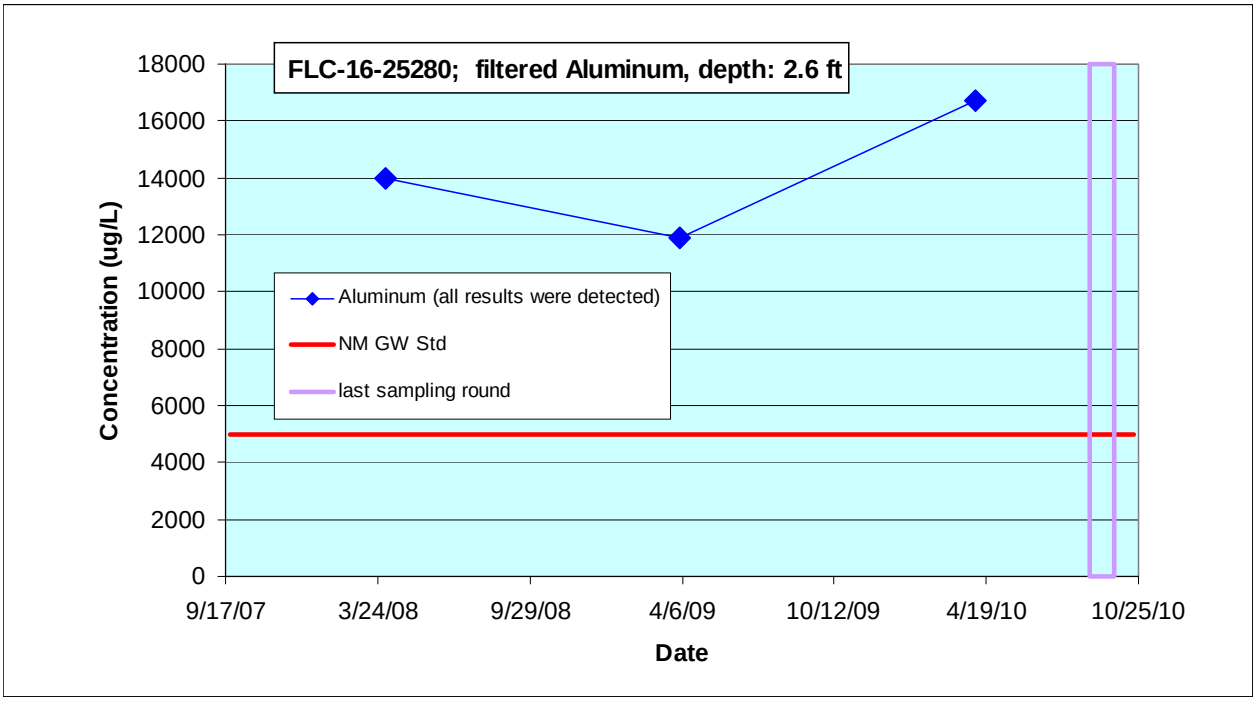

Fish Ladder Spring; filtered Iron
Concentration (ug/L)
2500
2000
1500
1000
500
0
Iron (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

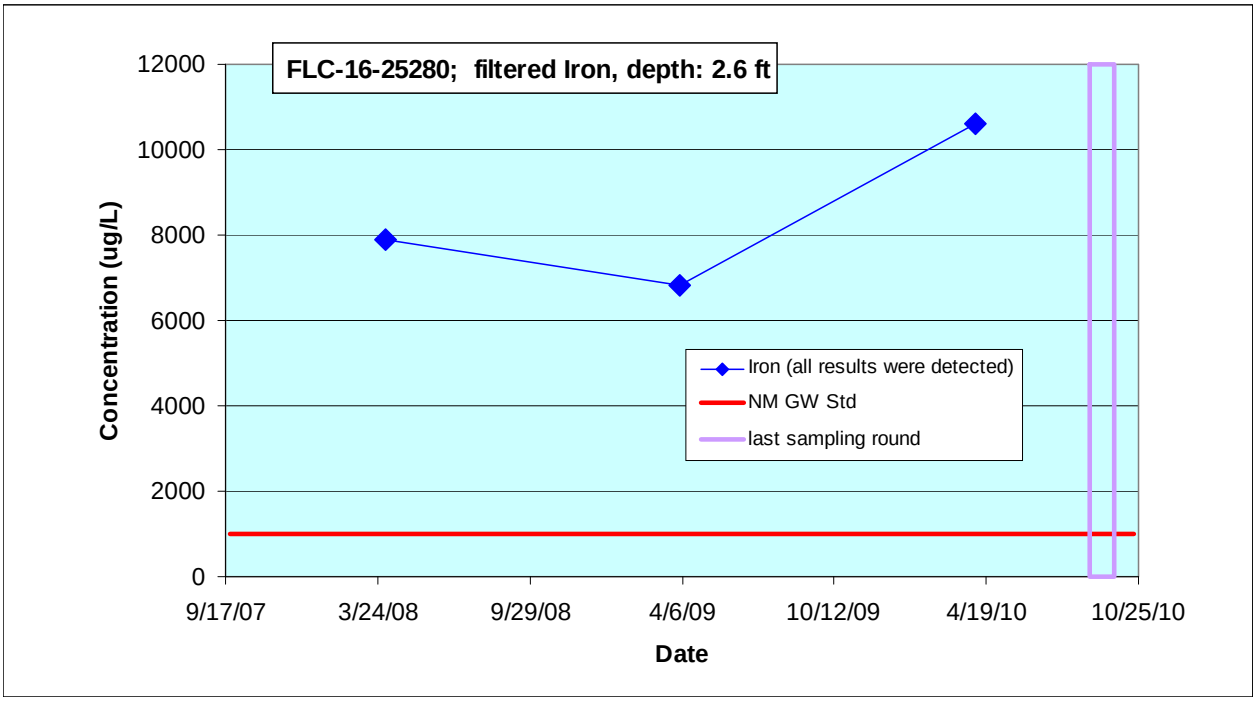

FLC-16-25278; filtered Aluminum, depth: 1.6 ft
Concentration (ug/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Aluminum (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

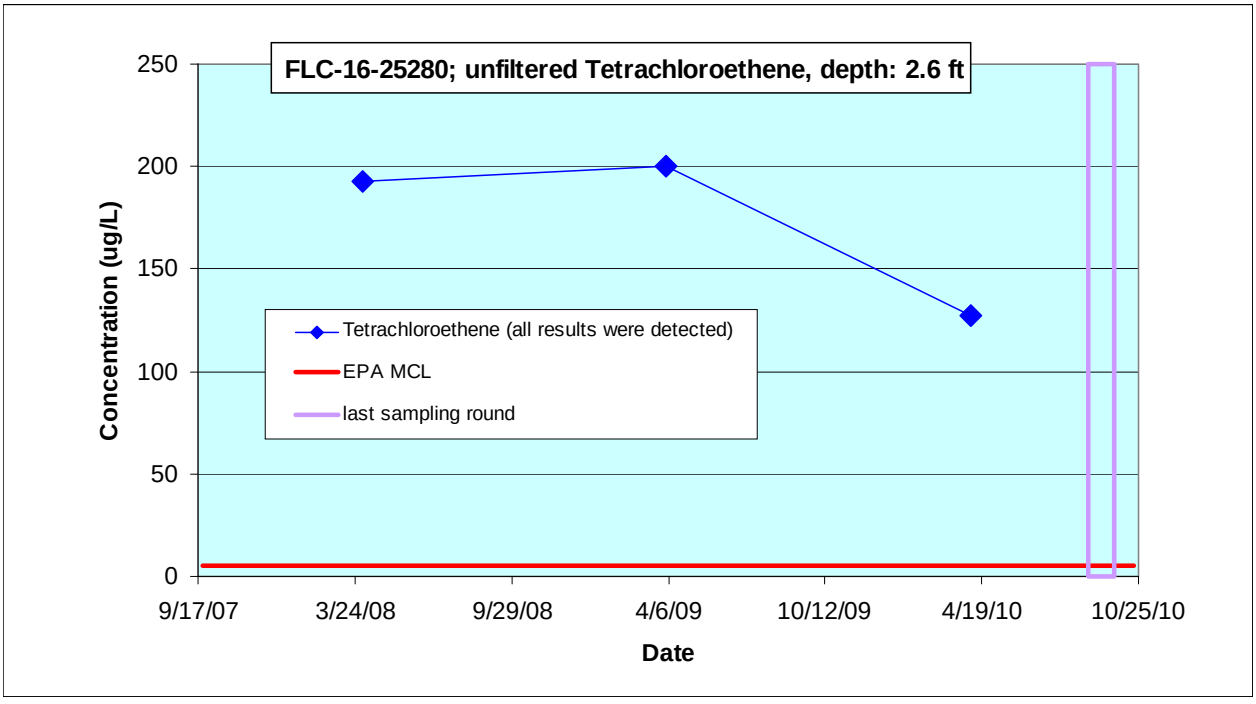

FLC-16-25278; filtered Iron, depth: 1.6 ft
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
Iron (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

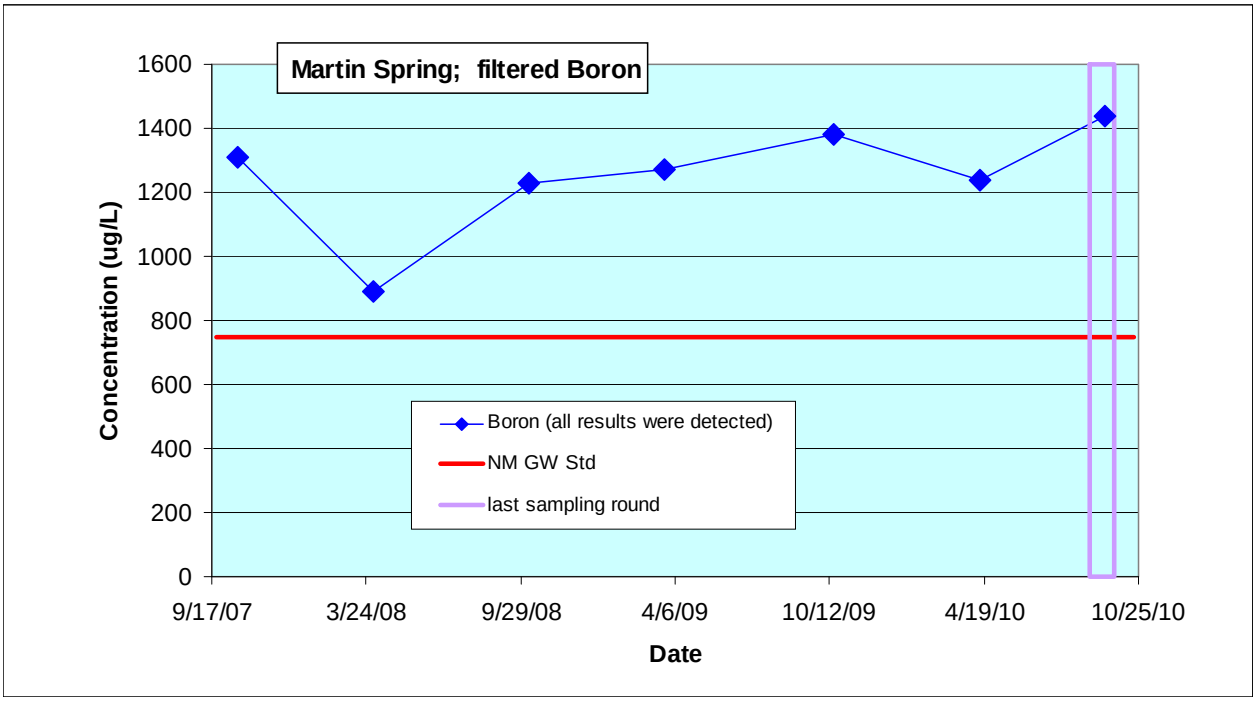

FLC-16-25279; filtered Aluminum, depth: 2.7 ft
Concentration (ug/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
Aluminum (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

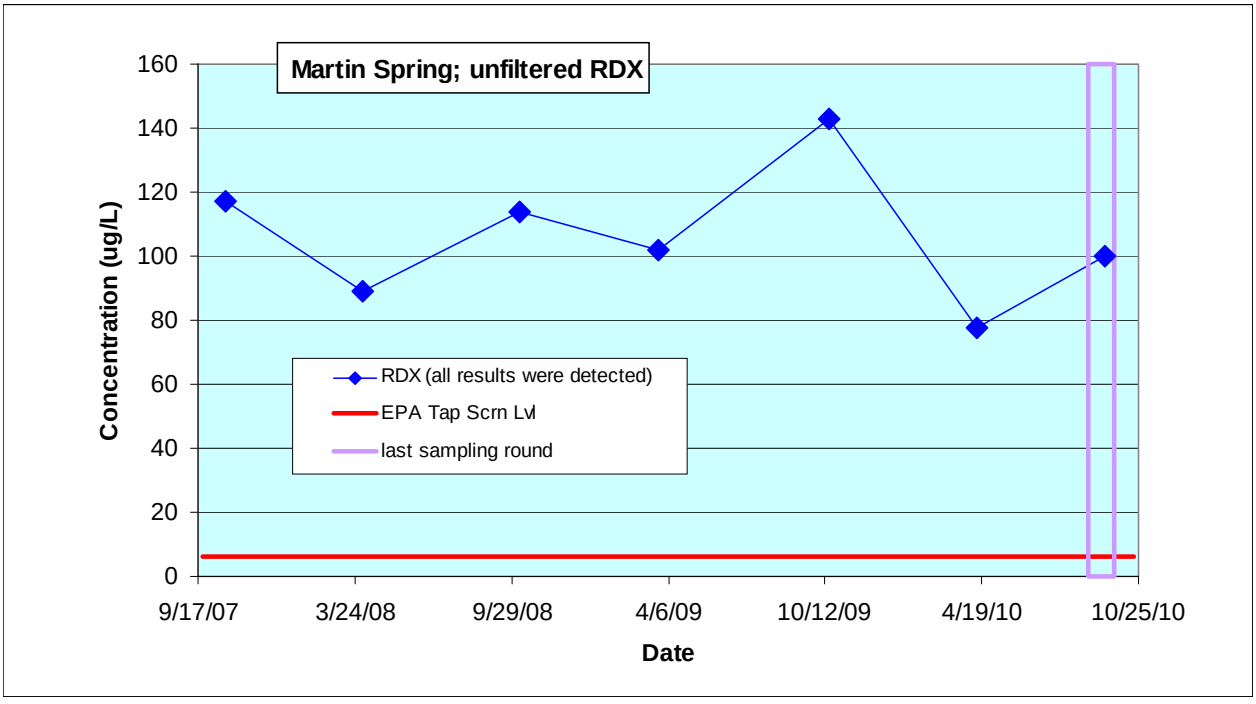

FLC-16-25279; filtered Iron, depth: 2.7 ft
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
Iron (all results were detected)
NM GW Std
last sampling round

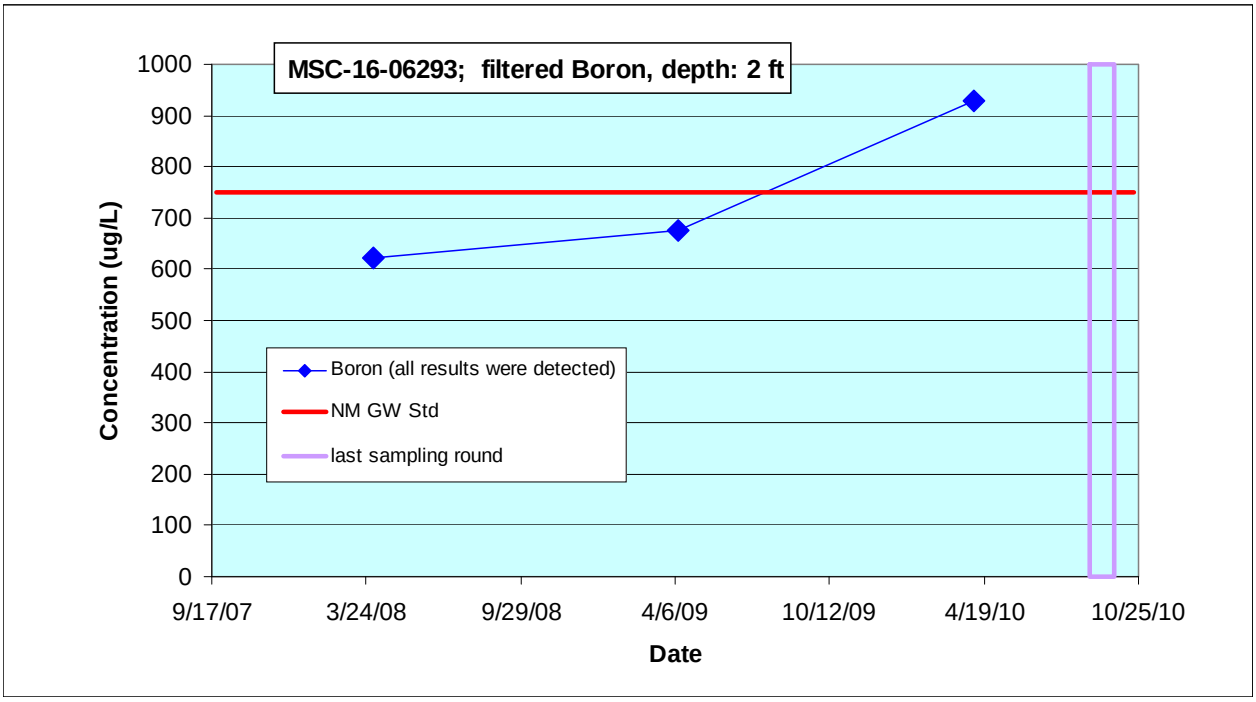

FLC-16-25280; filtered Aluminum, depth: 2.6 ft
Concentration (ug/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
Aluminum (all results were detected)
NM GW Std
last sampling round

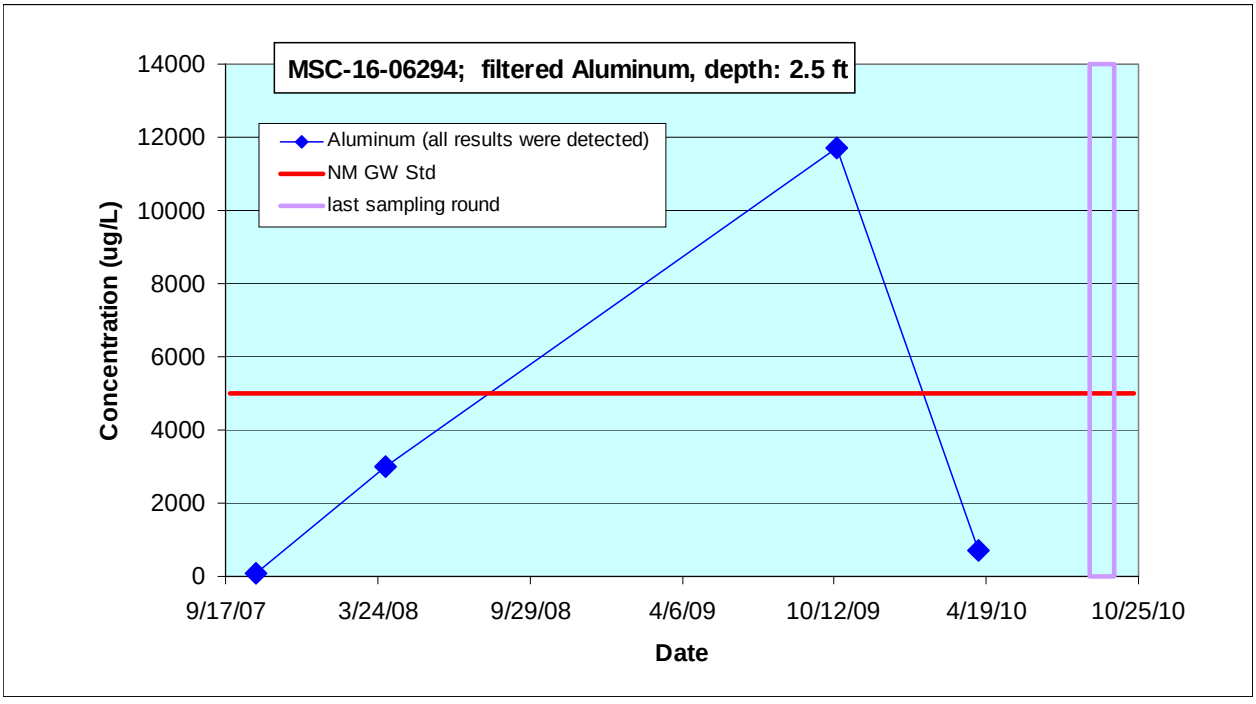

FLC-16-25280; filtered Iron, depth: 2.6 ft
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
Iron (all results were detected)
NM GW Std
last sampling round

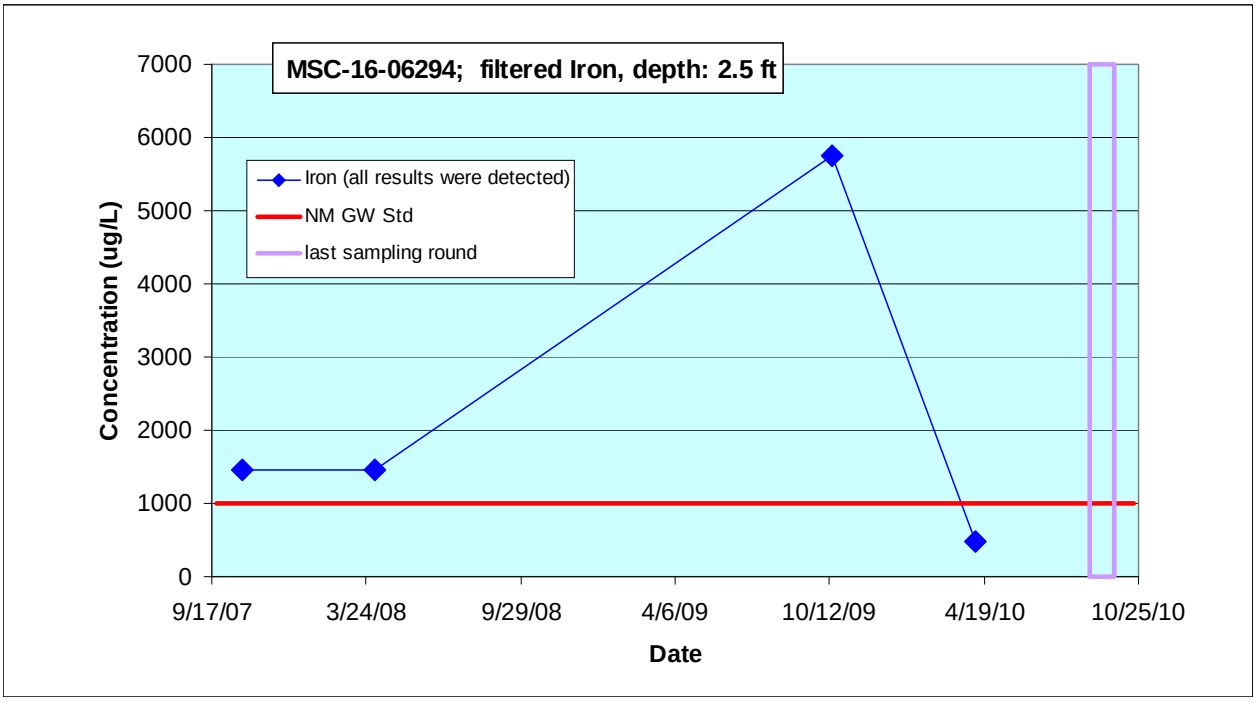

FLC-16-25280; unfiltered Tetrachloroethene, depth: 2.6 ft
Concentration (ug/L)
250
200
150
100
50
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
Tetrachloroethene (all results were detected)
EPA MCL
last sampling round

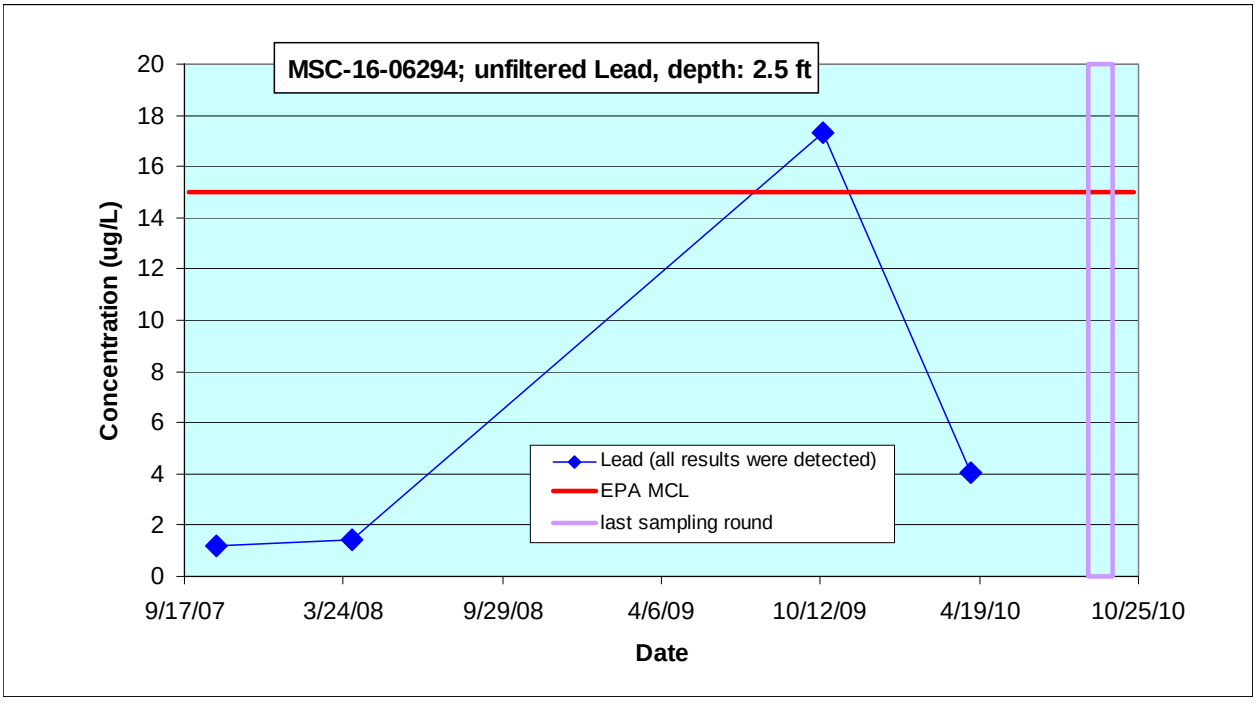

Martin Spring; filtered Boron
Concentration (ug/L)
1600
1400
1200
1000
800
600
400
200
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
Boron (all results were detected)
NM GW Std
last sampling round

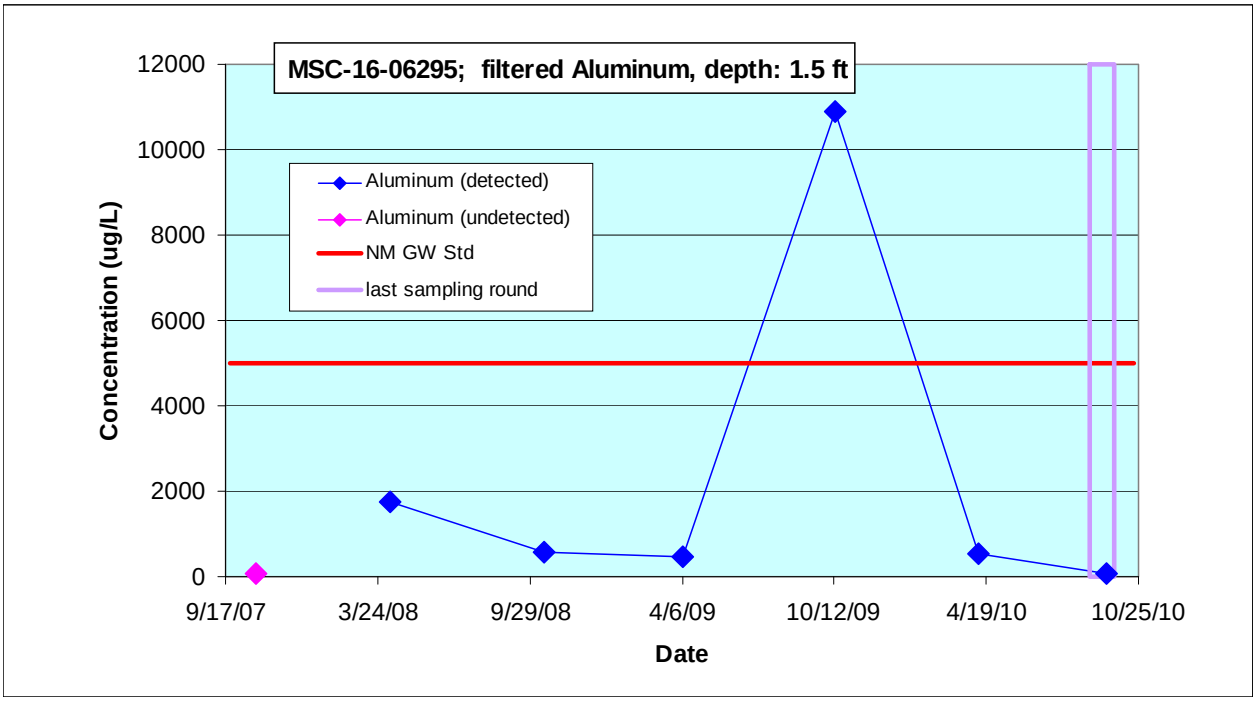

Martin Spring; unfiltered RDX
Concentration (ug/L)
160
140
120
100
80
60
40
20
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round

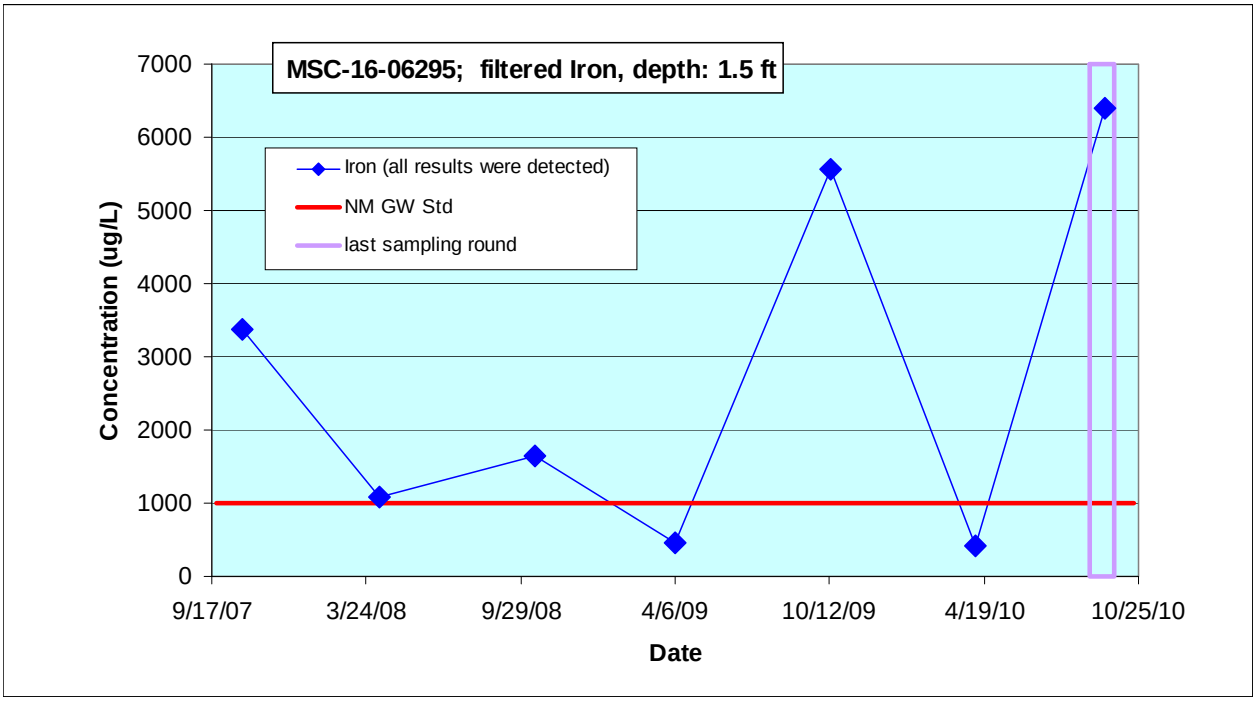

MSC-16-06293; filtered Boron, depth: 2 ft
Concentration (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
Boron (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

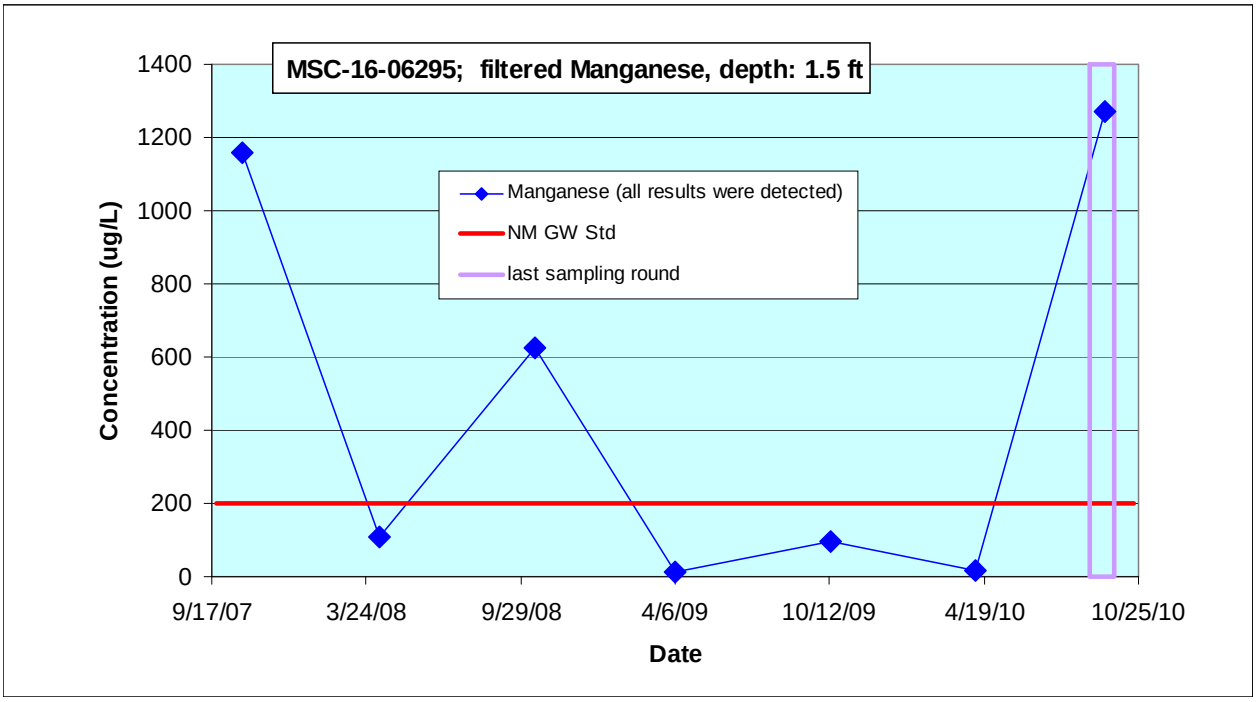

MSC-16-06294; filtered Aluminum, depth: 2.5 ft
Concentration (ug/L)
14000
12000
10000
8000
6000
4000
2000
0
Aluminum (all results were detected)
NM GW Std
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

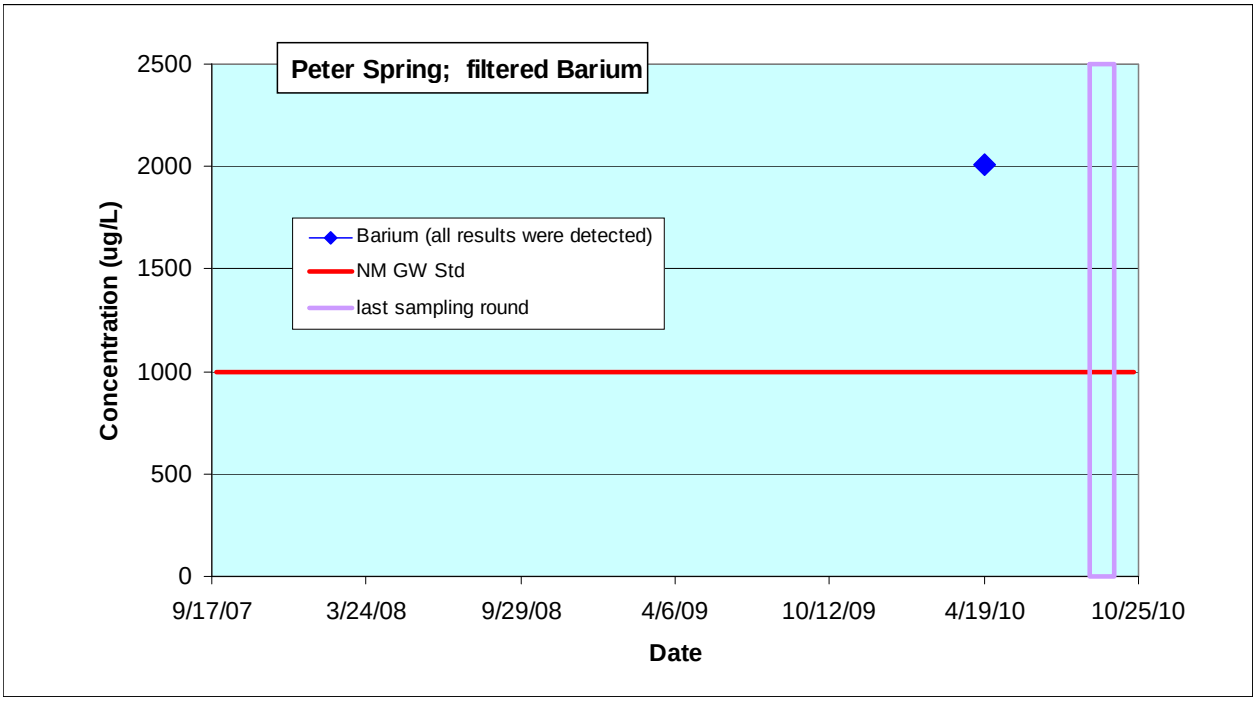

MSC-16-06294; filtered Iron, depth: 2.5 ft
Iron (all results were detected)
NM GW Std
last sampling round
Concentration (ug/L)
7000
6000
5000
4000
3000
2000
1000
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

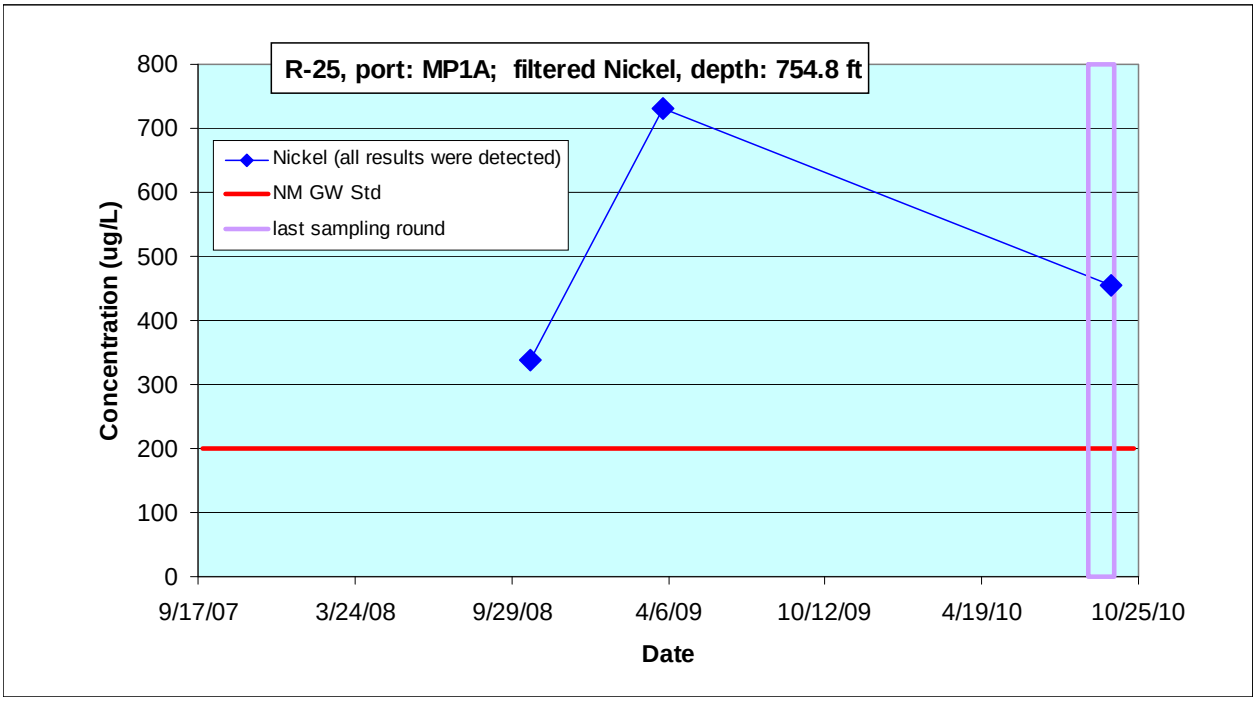

MSC-16-06294; unfiltered Lead, depth: 2.5 ft
Lead (all results were detected)
EPA MCL
last sampling round
Concentration (ug/L)
20
18
16
14
12
10
8
6
4
2
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

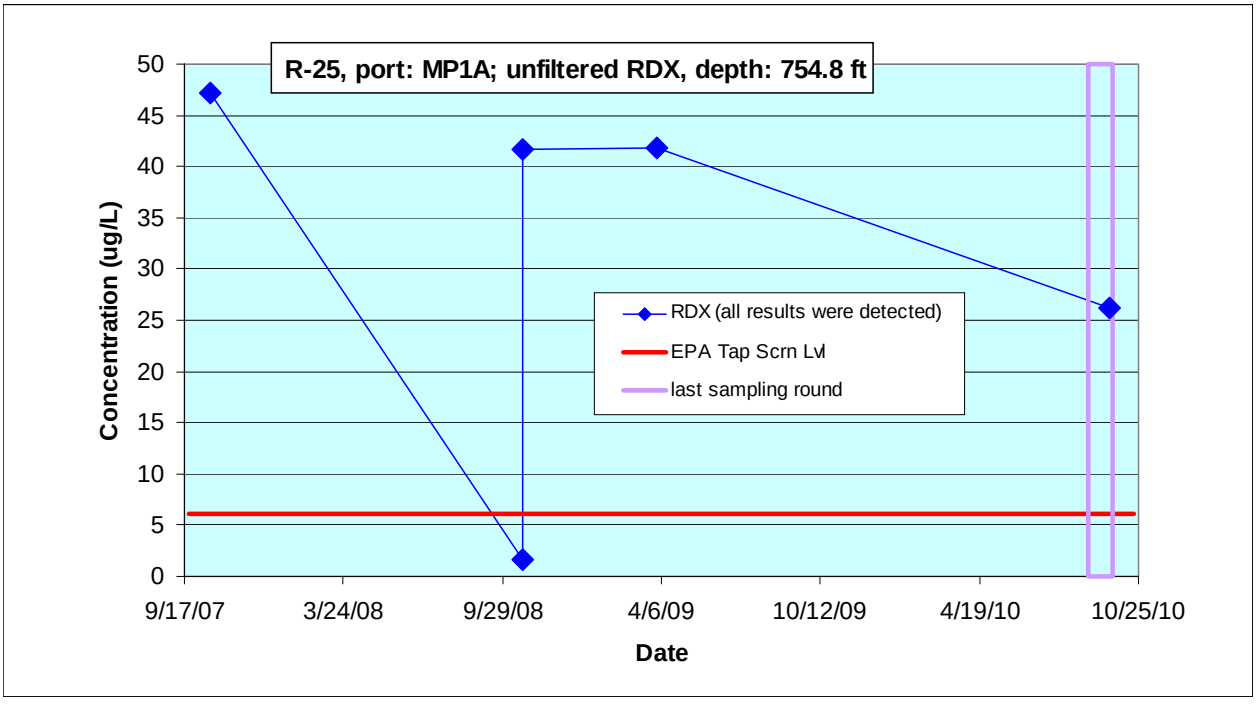

MSC-16-06295; filtered Aluminum, depth: 1.5 ft
Aluminum (detected)
Aluminum (undetected)
NM GW Std
last sampling round
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

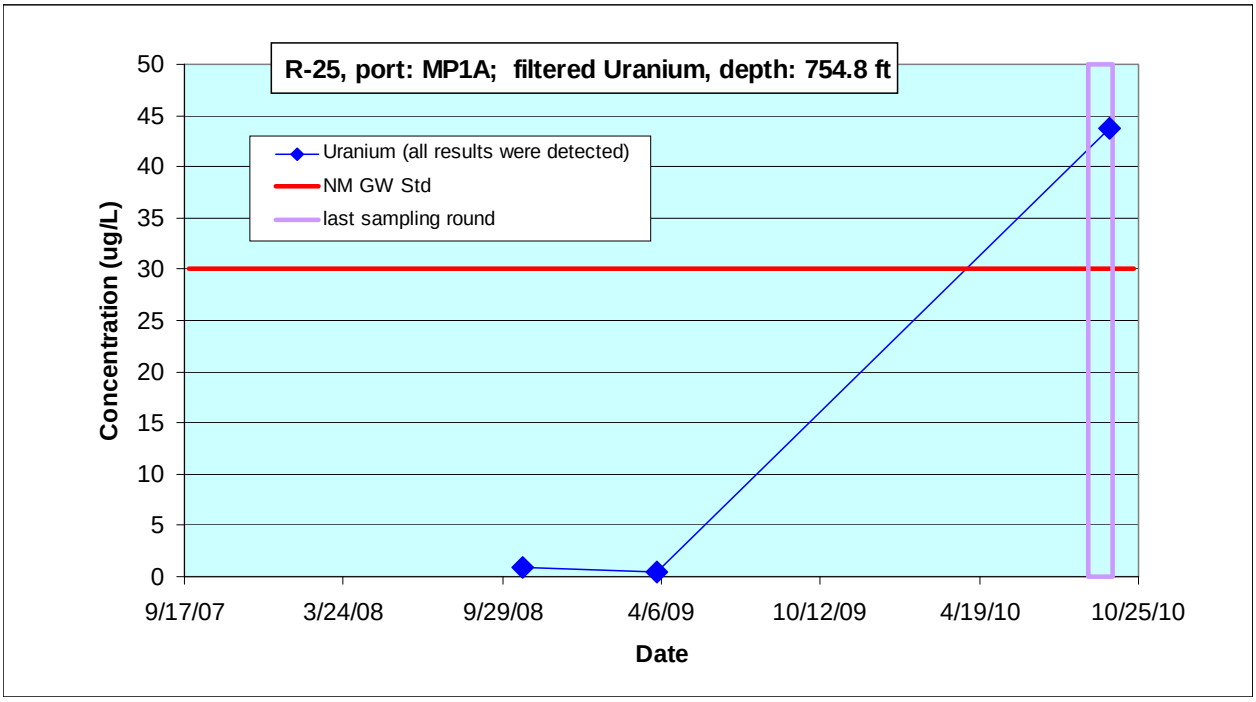

MSC-16-06295; filtered Iron, depth: 1.5 ft
Iron (all results were detected)
NM GW Std
last sampling round
Concentration (ug/L)
7000
6000
5000
4000
3000
2000
1000
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

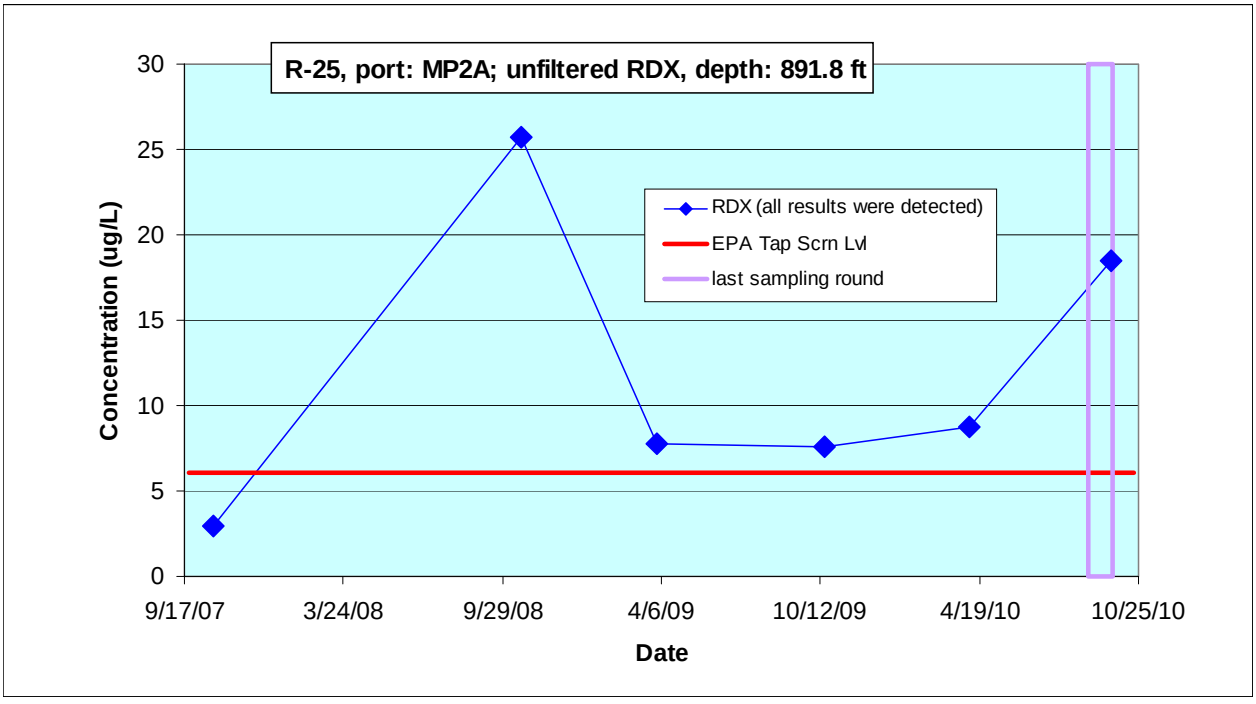

MSC-16-06295; filtered Manganese, depth: 1.5 ft
Manganese (all results were detected)
NM GW Std
last sampling round
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

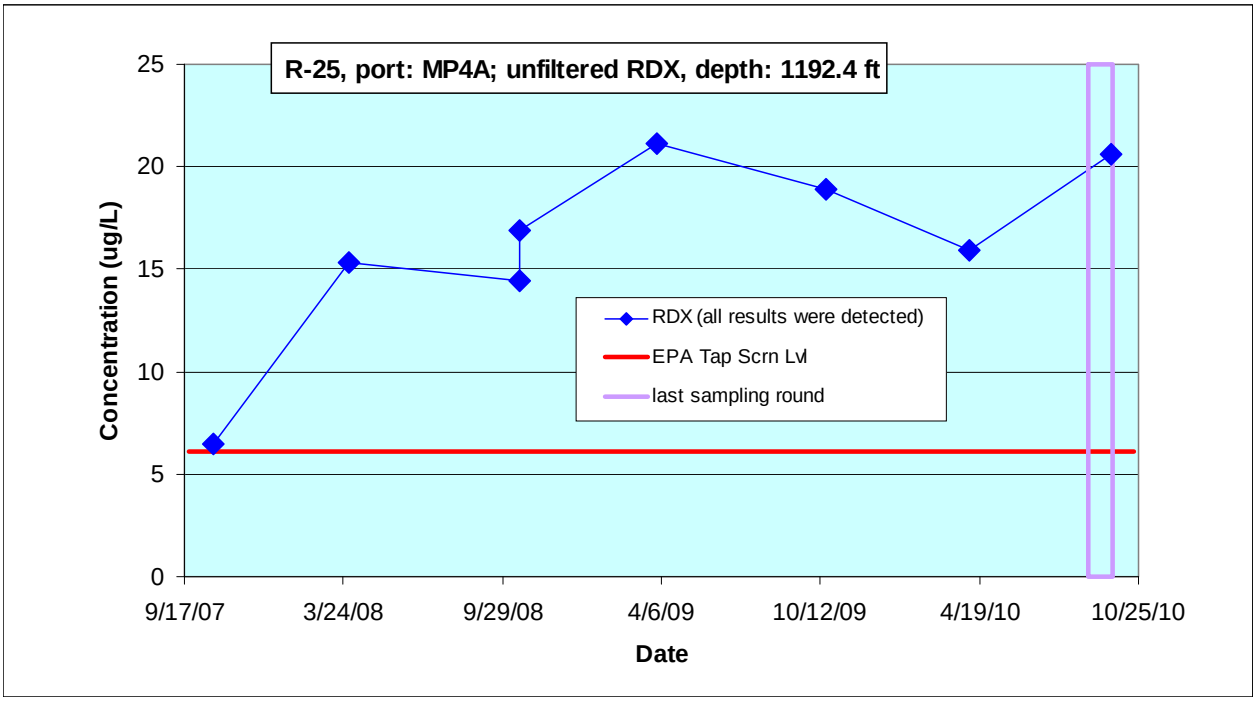

Peter Spring; filtered Barium
Barium (all results were detected)
NM GW Std
last sampling round
Concentration (ug/L)
2500
2000
1500
1000
500
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

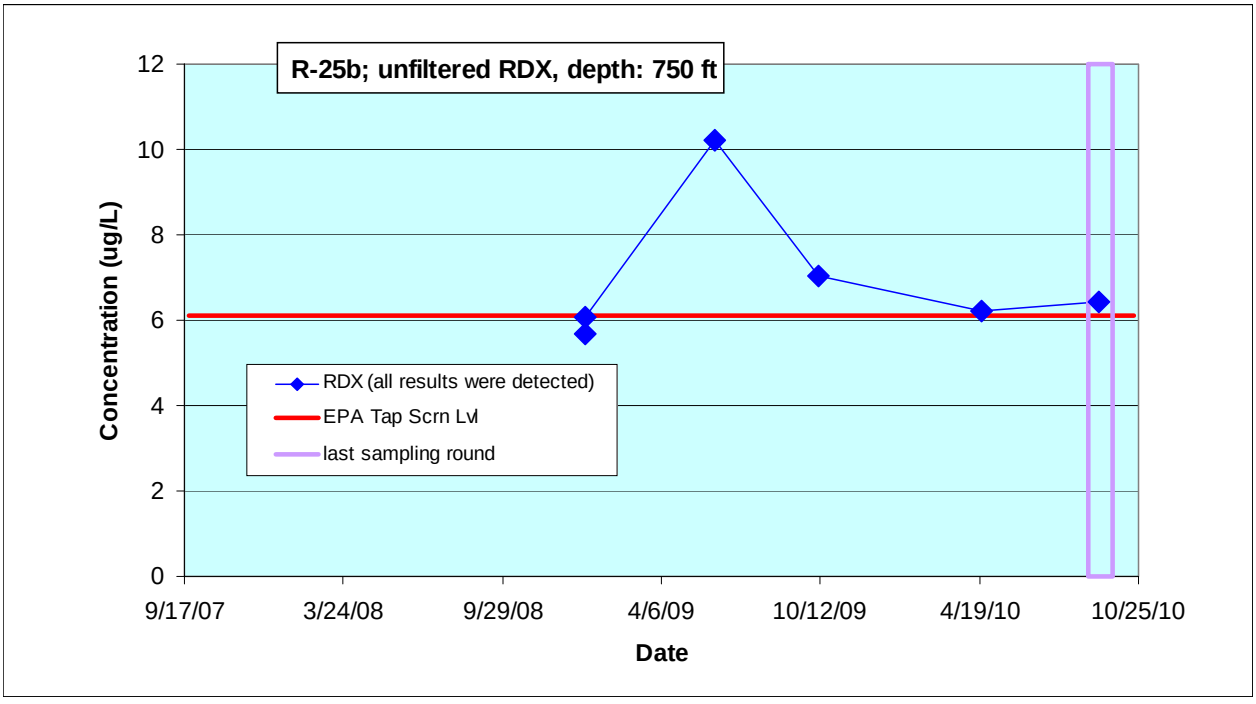

R-25, port: MP1A; filtered Nickel, depth: 754.8 ft
Nickel (all results were detected)
NM GW Std
last sampling round
Concentration (ug/L)
800
700
600
500
400
300
200
100
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

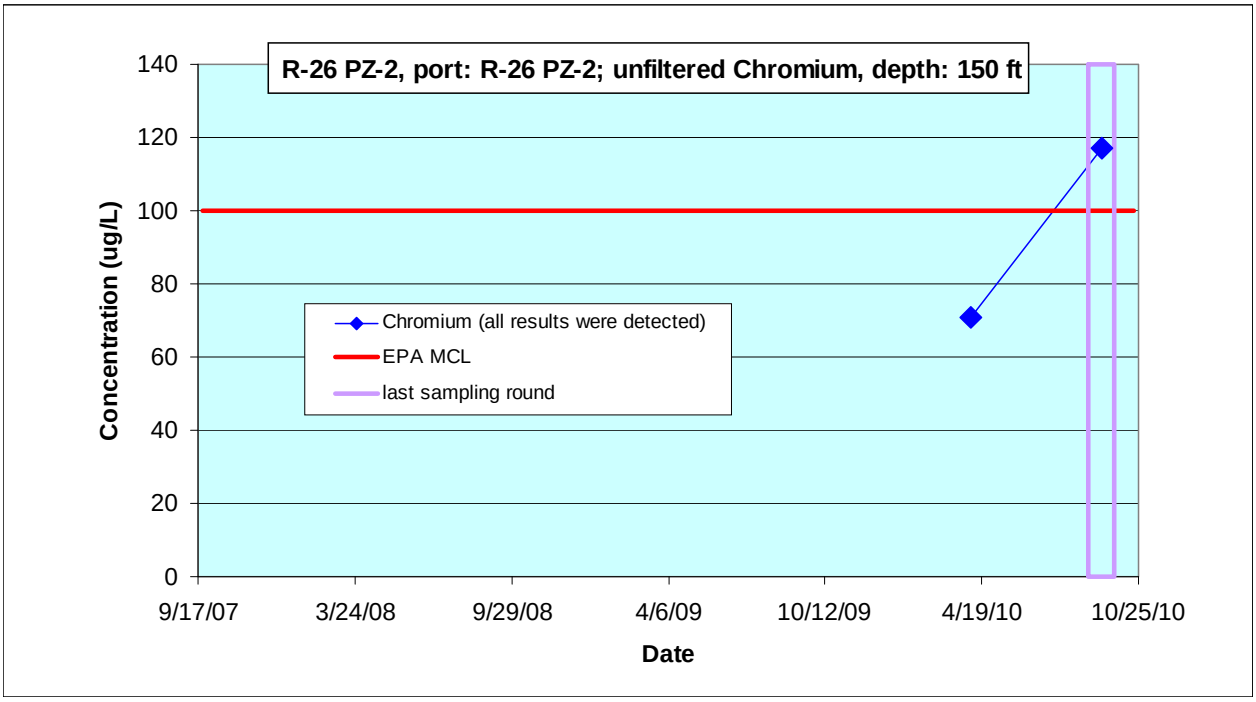

R-25, port: MP1A; unfiltered RDX, depth: 754.8 ft
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round
Concentration (ug/L)
50
45
40
35
30
25
20
15
10
5
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

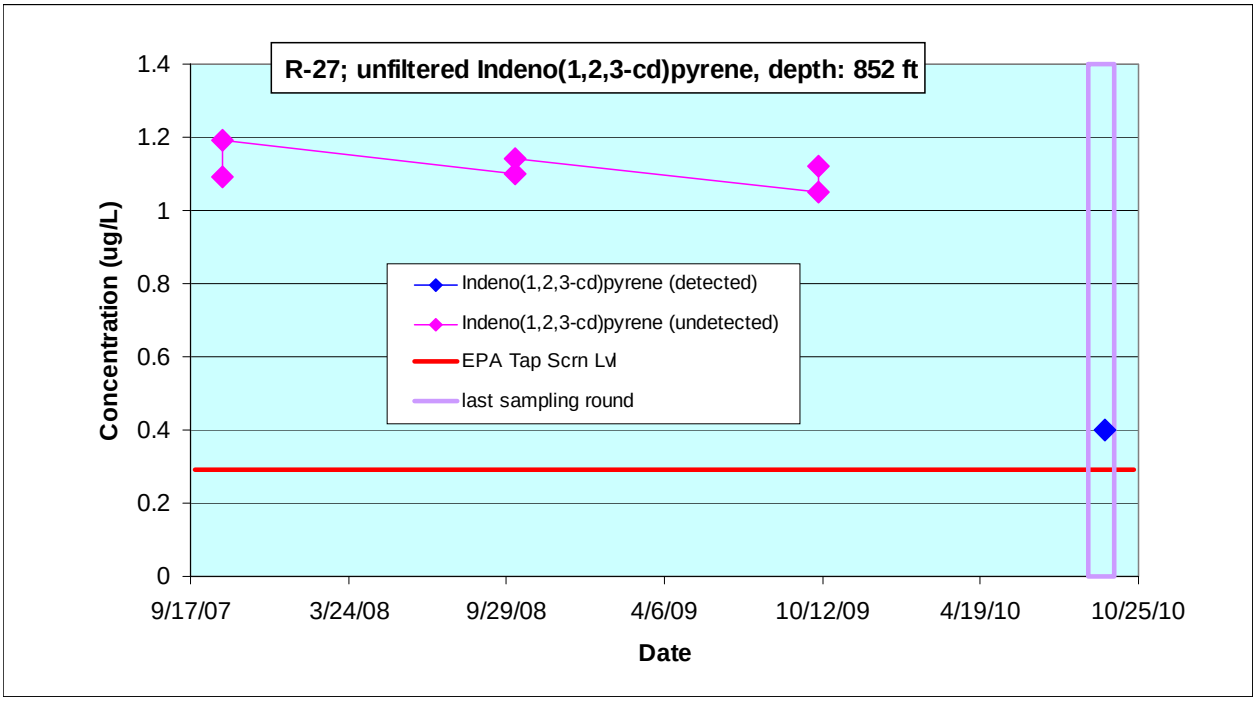

R-25, port: MP1A; filtered Uranium, depth: 754.8 ft
Uranium (all results were detected)
NM GW Std
last sampling round
Concentration (ug/L)
50
45
40
35
30
25
20
15
10
5
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

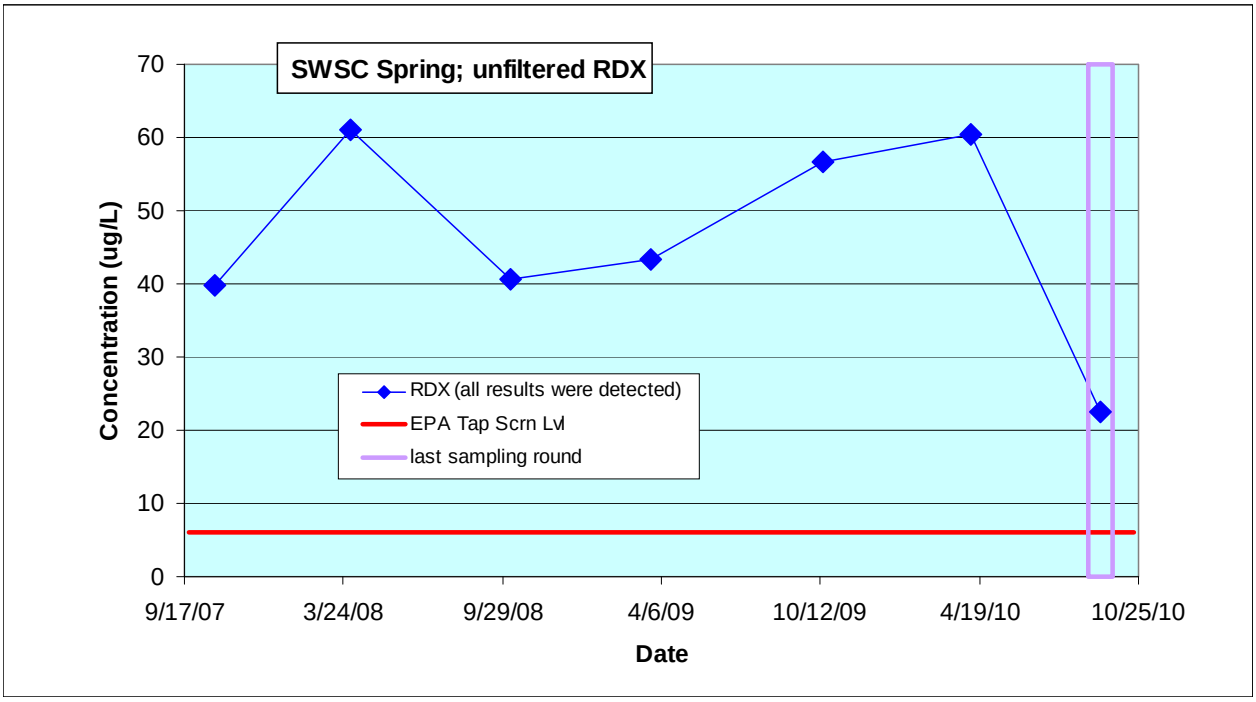

R-25, port: MP2A; unfiltered RDX, depth: 891.8 ft
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round
Concentration (ug/L)
30
25
20
15
10
5
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

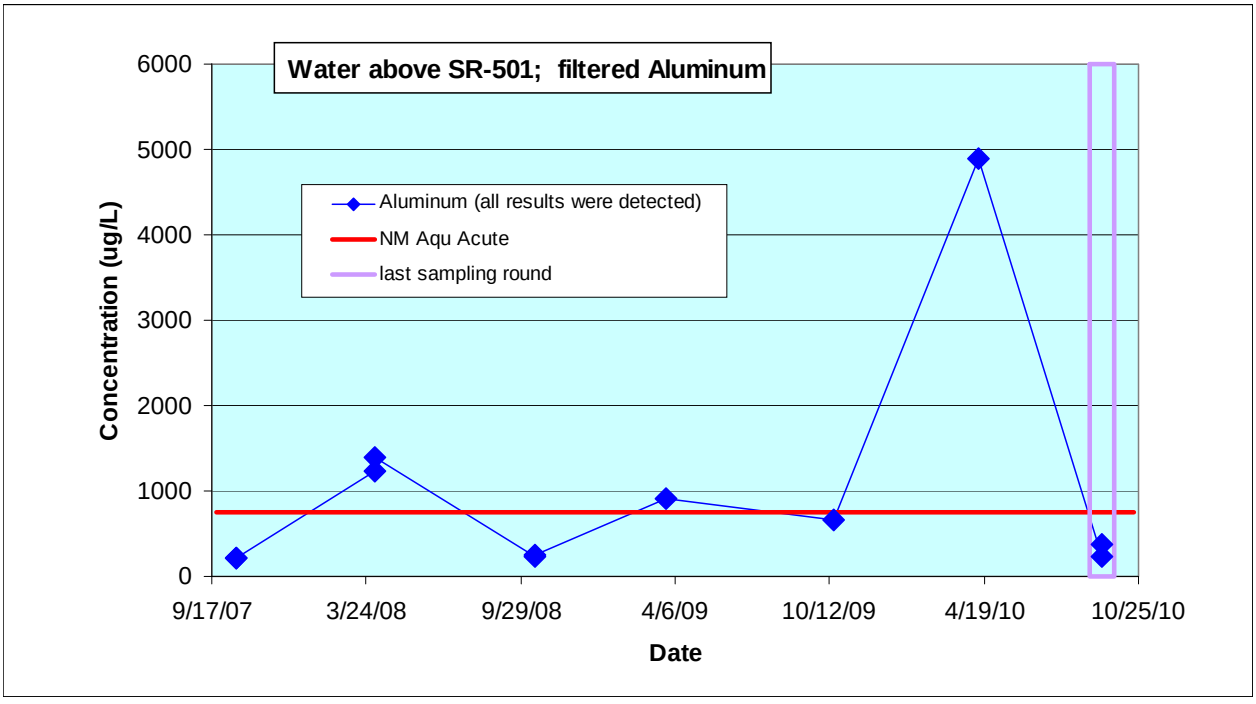

R-25, port: MP4A; unfiltered RDX, depth: 1192.4 ft
Concentration (ug/L)
25
20
15
10
5
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round

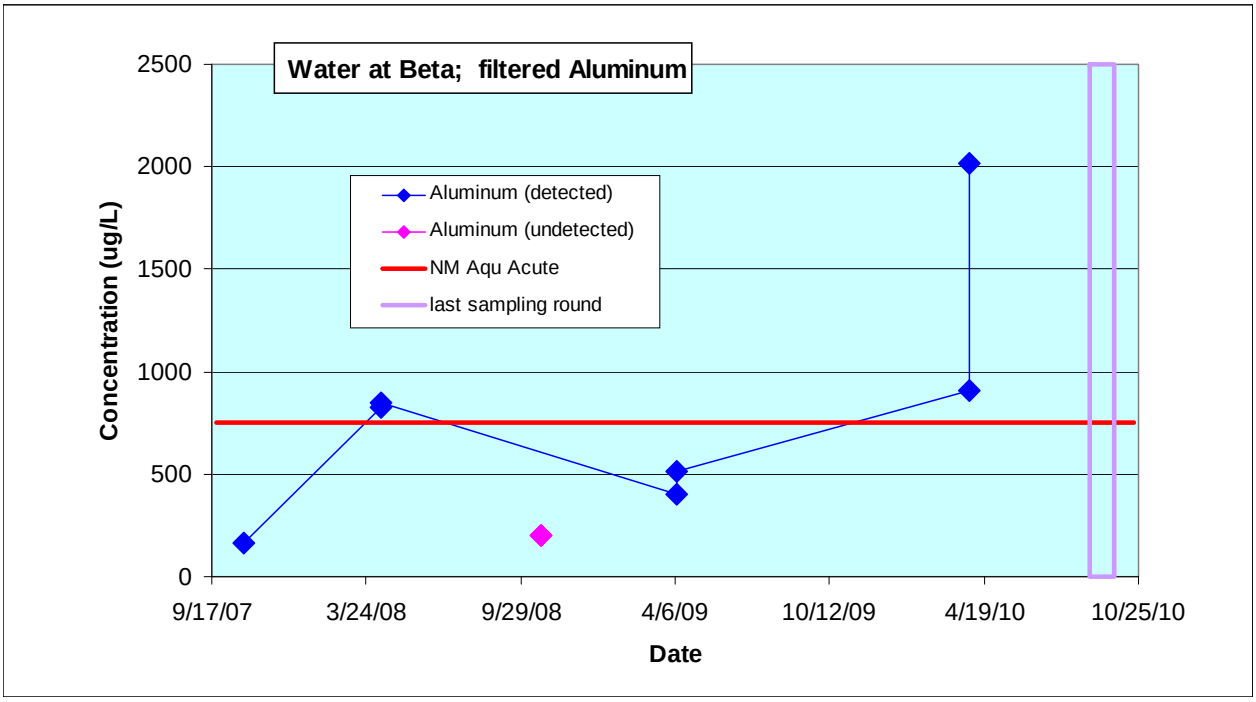

R-25b; unfiltered RDX, depth: 750 ft
Concentration (ug/L)
12
10
8
6
4
2
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round

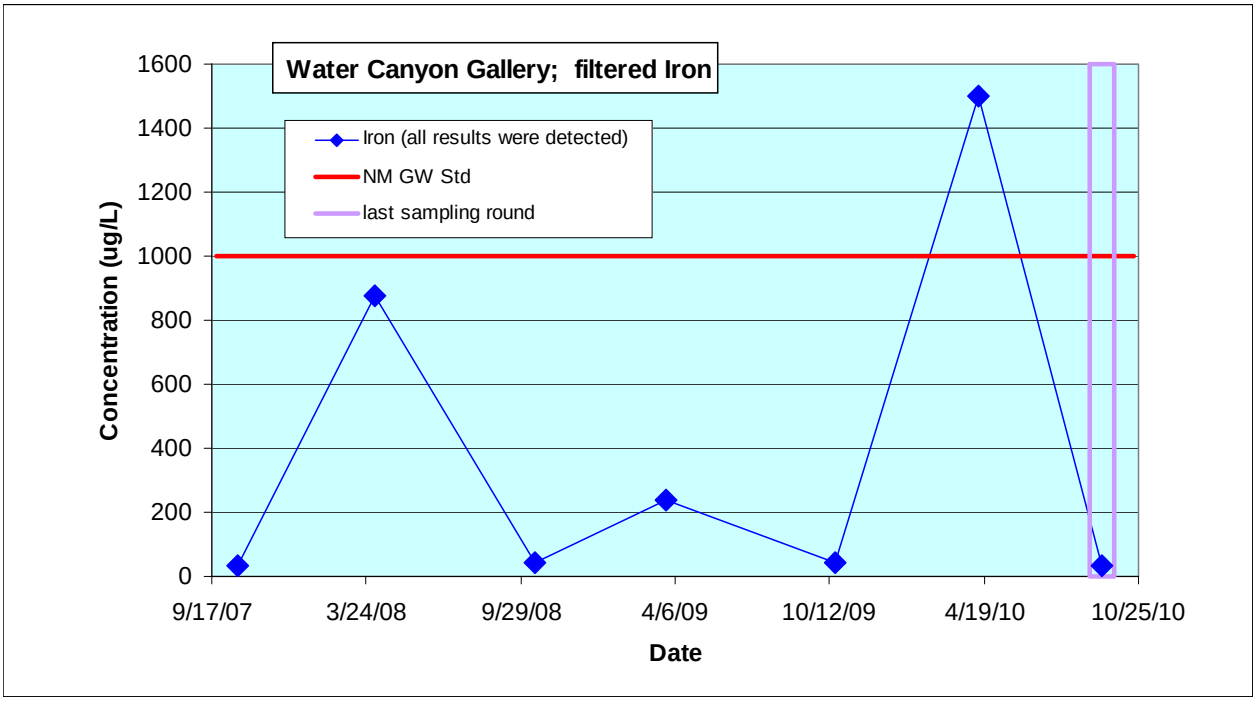

R-26 PZ-2, port: R-26 PZ-2; unfiltered Chromium, depth: 150 ft
Concentration (ug/L)
140
120
100
80
60
40
20
0
Chromium (all results were detected)
EPA MCL
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date


R-27; unfiltered Indeno(1,2,3-cd)pyrene, depth: 852 ft
Concentration (ug/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Indeno(1,2,3-cd)pyrene (detected)
Indeno(1,2,3-cd)pyrene (undetected)
EPA Tap Scrn Lvl
last sampling round
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date


SWSC Spring; unfiltered RDX
Concentration (ug/L)
70
60
50
40
30
20
10
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
RDX (all results were detected)
EPA Tap Scrn Lvl
last sampling round


Water above SR-501; filtered Aluminum
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date
Aluminum (all results were detected)
NM Aqu Acute
last sampling round


Water at Beta; filtered Aluminum
Aluminum (detected)
Aluminum (undetected)
NM Aqu Acute
last sampling round
Concentration (ug/L)
2500
2000
1500
1000
500
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date


Water Canyon Gallery; filtered Iron
Iron (all results were detected)
NM GW Std
last sampling round
Concentration (ug/L)
1600
1400
1200
1000
800
600
400
200
0
9/17/07
3/24/08
9/29/08
4/6/09
10/12/09
4/19/10
10/25/10
Date

Appendix F

Analytical Reports
(on DVD included with this document)

DVD Table of Contents

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-3992	HEXP[a]	STSL	CAWA-10-24756	8/4/2010	CdV-R-15-3	1350.1
10-3992	HEXP	STSL	CAWA-10-24757	8/4/2010	CdV-R-15-3	1640.1
10-3993	GENINORG[b]	GELC	CAWA-10-24755	8/4/2010	CdV-R-15-3	1350.1
10-3993	GENINORG	GELC	CAWA-10-24756	8/4/2010	CdV-R-15-3	1350.1
10-3993	GENINORG	GELC	CAWA-10-24757	8/4/2010	CdV-R-15-3	1640.1
10-3993	GENINORG	GELC	CAWA-10-24759	8/4/2010	CdV-R-15-3	1640.1
10-3993	HEXP	GELC	CAWA-10-24756	8/4/2010	CdV-R-15-3	1350.1
10-3993	HEXP	GELC	CAWA-10-24757	8/4/2010	CdV-R-15-3	1640.1
10-3993	SVOA[c]	GELC	CAWA-10-24753	8/4/2010	CdV-R-15-3	1350.1
10-3993	SVOA	GELC	CAWA-10-24756	8/4/2010	CdV-R-15-3	1350.1
10-3993	SVOA	GELC	CAWA-10-24757	8/4/2010	CdV-R-15-3	1640.1
10-3993	SVOA	GELC	CAWA-10-24760	8/4/2010	CdV-R-15-3	1640.1
10-3993	VOA[d]	GELC	CAWA-10-24753	8/4/2010	CdV-R-15-3	1350.1
10-3993	VOA	GELC	CAWA-10-24754	8/4/2010	CdV-R-15-3	1350.1
10-3993	VOA	GELC	CAWA-10-24756	8/4/2010	CdV-R-15-3	1350.1
10-3993	VOA	GELC	CAWA-10-24757	8/4/2010	CdV-R-15-3	1640.1
10-3993	VOA	GELC	CAWA-10-24758	8/4/2010	CdV-R-15-3	1640.1
10-3993	VOA	GELC	CAWA-10-24760	8/4/2010	CdV-R-15-3	1640.1
10-3994	GENINORG	GELC	CAWA-10-24755	8/4/2010	CdV-R-15-3	1350.1
10-3994	GENINORG	GELC	CAWA-10-24756	8/4/2010	CdV-R-15-3	1350.1
10-3994	GENINORG	GELC	CAWA-10-24757	8/4/2010	CdV-R-15-3	1640.1
10-3994	GENINORG	GELC	CAWA-10-24759	8/4/2010	CdV-R-15-3	1640.1
10-3994	METALS	GELC	CAWA-10-24755	8/4/2010	CdV-R-15-3	1350.1
10-3994	METALS	GELC	CAWA-10-24756	8/4/2010	CdV-R-15-3	1350.1
10-3994	METALS	GELC	CAWA-10-24757	8/4/2010	CdV-R-15-3	1640.1
10-3994	METALS	GELC	CAWA-10-24759	8/4/2010	CdV-R-15-3	1640.1
10-4057	HEXP	STSL	CAWA-10-24741	8/5/2010	CdV-R-15-3	1254.4
10-4058	GENINORG	GELC	CAWA-10-24741	8/5/2010	CdV-R-15-3	1254.4
10-4058	GENINORG	GELC	CAWA-10-24743	8/5/2010	CdV-R-15-3	1254.4
10-4058	HEXP	GELC	CAWA-10-24741	8/5/2010	CdV-R-15-3	1254.4
10-4058	SVOA	GELC	CAWA-10-24741	8/5/2010	CdV-R-15-3	1254.4
10-4058	VOA	GELC	CAWA-10-24741	8/5/2010	CdV-R-15-3	1254.4
10-4058	VOA	GELC	CAWA-10-24744	8/5/2010	CdV-R-15-3	1254.4
10-4059	GENINORG	GELC	CAWA-10-24741	8/5/2010	CdV-R-15-3	1254.4
10-4059	GENINORG	GELC	CAWA-10-24743	8/5/2010	CdV-R-15-3	1254.4
10-4059	METALS	GELC	CAWA-10-24741	8/5/2010	CdV-R-15-3	1254.4
10-4059	METALS	GELC	CAWA-10-24743	8/5/2010	CdV-R-15-3	1254.4
10-4059	RAD[e]	GELC	CAWA-10-24741	8/5/2010	CdV-R-15-3	1254.4

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4107	RAD	ARSL	CAWA-10-24741	8/5/2010	CdV-R-15-3	1254.4
10-4116	GENINORG	GELC	CAWA-10-24747	8/10/2010	CdV-R-37-2	1359.3
10-4116	GENINORG	GELC	CAWA-10-24748	8/10/2010	CdV-R-37-2	1359.3
10-4116	GENINORG	GELC	CAWA-10-24749	8/10/2010	CdV-R-37-2	1550.6
10-4116	GENINORG	GELC	CAWA-10-24752	8/10/2010	CdV-R-37-2	1550.6
10-4116	HEXP	GELC	CAWA-10-24747	8/10/2010	CdV-R-37-2	1359.3
10-4116	HEXP	GELC	CAWA-10-24749	8/10/2010	CdV-R-37-2	1550.6
10-4116	SVOA	GELC	CAWA-10-24746	8/10/2010	CdV-R-37-2	1359.3
10-4116	SVOA	GELC	CAWA-10-24747	8/10/2010	CdV-R-37-2	1359.3
10-4116	SVOA	GELC	CAWA-10-24749	8/10/2010	CdV-R-37-2	1550.6
10-4116	SVOA	GELC	CAWA-10-24750	8/10/2010	CdV-R-37-2	1550.6
10-4116	VOA	GELC	CAWA-10-24745	8/10/2010	CdV-R-37-2	1359.3
10-4116	VOA	GELC	CAWA-10-24746	8/10/2010	CdV-R-37-2	1359.3
10-4116	VOA	GELC	CAWA-10-24747	8/10/2010	CdV-R-37-2	1359.3
10-4116	VOA	GELC	CAWA-10-24749	8/10/2010	CdV-R-37-2	1550.6
10-4116	VOA	GELC	CAWA-10-24750	8/10/2010	CdV-R-37-2	1550.6
10-4116	VOA	GELC	CAWA-10-24751	8/10/2010	CdV-R-37-2	1550.6
10-4117	GENINORG	GELC	CAWA-10-24747	8/10/2010	CdV-R-37-2	1359.3
10-4117	GENINORG	GELC	CAWA-10-24748	8/10/2010	CdV-R-37-2	1359.3
10-4117	GENINORG	GELC	CAWA-10-24749	8/10/2010	CdV-R-37-2	1550.6
10-4117	GENINORG	GELC	CAWA-10-24752	8/10/2010	CdV-R-37-2	1550.6
10-4117	METALS	GELC	CAWA-10-24747	8/10/2010	CdV-R-37-2	1359.3
10-4117	METALS	GELC	CAWA-10-24748	8/10/2010	CdV-R-37-2	1359.3
10-4117	METALS	GELC	CAWA-10-24749	8/10/2010	CdV-R-37-2	1550.6
10-4117	METALS	GELC	CAWA-10-24752	8/10/2010	CdV-R-37-2	1550.6
10-4117	RAD	GELC	CAWA-10-24747	8/10/2010	CdV-R-37-2	1359.3
10-4117	RAD	GELC	CAWA-10-24749	8/10/2010	CdV-R-37-2	1550.6
10-4118	HEXP	STSL	CAWA-10-24747	8/10/2010	CdV-R-37-2	1359.3
10-4118	HEXP	STSL	CAWA-10-24749	8/10/2010	CdV-R-37-2	1550.6
10-4138	GENINORG	GELC	CAWA-10-24762	8/11/2010	CdV-R-37-2	1200.3
10-4138	GENINORG	GELC	CAWA-10-24764	8/11/2010	CdV-R-37-2	1200.3
10-4138	HEXP	GELC	CAWA-10-24762	8/11/2010	CdV-R-37-2	1200.3
10-4138	METALS	GELC	CAWA-10-24762	8/11/2010	CdV-R-37-2	1200.3
10-4138	METALS	GELC	CAWA-10-24764	8/11/2010	CdV-R-37-2	1200.3
10-4138	SVOA	GELC	CAWA-10-24762	8/11/2010	CdV-R-37-2	1200.3
10-4138	VOA	GELC	CAWA-10-24762	8/11/2010	CdV-R-37-2	1200.3
10-4138	VOA	GELC	CAWA-10-24763	8/11/2010	CdV-R-37-2	1200.3
10-4173	HEXP	STSL	CAWA-10-24737	8/13/2010	R-26	659.3
10-4173	HEXP	STSL	CAWA-10-24762	8/11/2010	CdV-R-37-2	1200.3

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4174	GENINORG	GELC	CAWA-10-24737	8/13/2010	R-26	659.3
10-4174	GENINORG	GELC	CAWA-10-24738	8/13/2010	R-26	659.3
10-4174	HEXP	GELC	CAWA-10-24737	8/13/2010	R-26	659.3
10-4174	METALS	GELC	CAWA-10-24737	8/13/2010	R-26	659.3
10-4174	METALS	GELC	CAWA-10-24738	8/13/2010	R-26	659.3
10-4174	RAD	GELC	CAWA-10-24737	8/13/2010	R-26	659.3
10-4174	SVOA	GELC	CAWA-10-24737	8/13/2010	R-26	659.3
10-4174	SVOA	GELC	CAWA-10-24740	8/13/2010	R-26	659.3
10-4174	VOA	GELC	CAWA-10-24737	8/13/2010	R-26	659.3
10-4174	VOA	GELC	CAWA-10-24739	8/13/2010	R-26	659.3
10-4174	VOA	GELC	CAWA-10-24740	8/13/2010	R-26	659.3
10-4475	HEXP	STSL	CAWA-10-25692	9/7/2010	Canon de Valle below MDA[f] P	—[g]
10-4475	HEXP	STSL	CAWA-10-25777	9/7/2010	CdV-16-2(i)r	850
10-4475	HEXP	STSL	CAWA-10-25779	9/7/2010	CdV-16-2(i)r	850
10-4476	GENINORG	GELC	CAWA-10-25692	9/7/2010	Canon de Valle below MDA P	—
10-4476	GENINORG	GELC	CAWA-10-25777	9/7/2010	CdV-16-2(i)r	850
10-4476	GENINORG	GELC	CAWA-10-25779	9/7/2010	CdV-16-2(i)r	850
10-4476	HEXP	GELC	CAWA-10-25692	9/7/2010	Canon de Valle below MDA P	—
10-4476	HEXP	GELC	CAWA-10-25777	9/7/2010	CdV-16-2(i)r	850
10-4476	HEXP	GELC	CAWA-10-25779	9/7/2010	CdV-16-2(i)r	850
10-4476	SVOA	GELC	CAWA-10-25692	9/7/2010	Canon de Valle below MDA P	—
10-4476	SVOA	GELC	CAWA-10-25777	9/7/2010	CdV-16-2(i)r	850
10-4476	SVOA	GELC	CAWA-10-25778	9/7/2010	CdV-16-2(i)r	850
10-4476	SVOA	GELC	CAWA-10-25779	9/7/2010	CdV-16-2(i)r	850
10-4476	VOA	GELC	CAWA-10-25692	9/7/2010	Canon de Valle below MDA P	—
10-4476	VOA	GELC	CAWA-10-25693	9/7/2010	Canon de Valle below MDA P	—
10-4476	VOA	GELC	CAWA-10-25777	9/7/2010	CdV-16-2(i)r	850
10-4476	VOA	GELC	CAWA-10-25778	9/7/2010	CdV-16-2(i)r	850
10-4476	VOA	GELC	CAWA-10-25779	9/7/2010	CdV-16-2(i)r	850
10-4476	VOA	GELC	CAWA-10-25781	9/7/2010	CdV-16-2(i)r	850
10-4477	GENINORG	GELC	CAWA-10-25691	9/7/2010	Canon de Valle below MDA P	—
10-4477	GENINORG	GELC	CAWA-10-25692	9/7/2010	Canon de Valle below MDA P	—
10-4477	GENINORG	GELC	CAWA-10-25776	9/7/2010	CdV-16-2(i)r	850
10-4477	GENINORG	GELC	CAWA-10-25777	9/7/2010	CdV-16-2(i)r	850
10-4477	GENINORG	GELC	CAWA-10-25779	9/7/2010	CdV-16-2(i)r	850
10-4477	GENINORG	GELC	CAWA-10-25780	9/7/2010	CdV-16-2(i)r	850
10-4477	METALS	GELC	CAWA-10-25691	9/7/2010	Canon de Valle below MDA P	—
10-4477	METALS	GELC	CAWA-10-25692	9/7/2010	Canon de Valle below MDA P	—
10-4477	METALS	GELC	CAWA-10-25776	9/7/2010	CdV-16-2(i)r	850

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4477	METALS	GELC	CAWA-10-25777	9/7/2010	CdV-16-2(i)r	850
10-4477	METALS	GELC	CAWA-10-25779	9/7/2010	CdV-16-2(i)r	850
10-4477	METALS	GELC	CAWA-10-25780	9/7/2010	CdV-16-2(i)r	850
10-4478	RAD	GELC	CAWA-10-25692	9/7/2010	Canon de Valle below MDA P	—
10-4478	RAD	GELC	CAWA-10-25777	9/7/2010	CdV-16-2(i)r	850
10-4478	RAD	GELC	CAWA-10-25779	9/7/2010	CdV-16-2(i)r	850
10-4501	HEXP	STSL	CAWA-10-25899	9/8/2010	R-25b	750
10-4502	GENINORG	GELC	CAWA-10-25899	9/8/2010	R-25b	750
10-4502	GENINORG	GELC	CAWA-10-25900	9/8/2010	R-25b	750
10-4502	HEXP	GELC	CAWA-10-25899	9/8/2010	R-25b	750
10-4502	METALS	GELC	CAWA-10-25899	9/8/2010	R-25b	750
10-4502	METALS	GELC	CAWA-10-25900	9/8/2010	R-25b	750
10-4502	RAD	GELC	CAWA-10-25899	9/8/2010	R-25b	750
10-4502	SVOA	GELC	CAWA-10-25899	9/8/2010	R-25b	750
10-4502	VOA	GELC	CAWA-10-25898	9/8/2010	R-25b	750
10-4502	VOA	GELC	CAWA-10-25899	9/8/2010	R-25b	750
10-4510	GENINORG	GELC	CAWA-10-25736	9/9/2010	CDV-16-02659	1.7
10-4510	GENINORG	GELC	CAWA-10-25738	9/9/2010	CDV-16-02659	1.7
10-4510	HEXP	GELC	CAWA-10-25728	9/9/2010	CDV-16-02655	2.3
10-4510	HEXP	GELC	CAWA-10-25738	9/9/2010	CDV-16-02659	1.7
10-4510	METALS	GELC	CAWA-10-25736	9/9/2010	CDV-16-02659	1.7
10-4510	METALS	GELC	CAWA-10-25738	9/9/2010	CDV-16-02659	1.7
10-4510	RAD	GELC	CAWA-10-25738	9/9/2010	CDV-16-02659	1.7
10-4510	SVOA	GELC	CAWA-10-25738	9/9/2010	CDV-16-02659	1.7
10-4510	VOA	GELC	CAWA-10-25727	9/9/2010	CDV-16-02655	2.3
10-4510	VOA	GELC	CAWA-10-25728	9/9/2010	CDV-16-02655	2.3
10-4510	VOA	GELC	CAWA-10-25737	9/9/2010	CDV-16-02659	1.7
10-4510	VOA	GELC	CAWA-10-25738	9/9/2010	CDV-16-02659	1.7
10-4526	HEXP	STSL	CAWA-10-25728	9/9/2010	CDV-16-02655	2.3
10-4526	HEXP	STSL	CAWA-10-25738	9/9/2010	CDV-16-02659	1.7
10-4533	HEXP	STSL	CAWA-10-25784	9/10/2010	R-26 PZ-2	150
10-4534	GENINORG	GELC	CAWA-10-25783	9/10/2010	R-26 PZ-2	150
10-4534	GENINORG	GELC	CAWA-10-25784	9/10/2010	R-26 PZ-2	150
10-4534	METALS	GELC	CAWA-10-25783	9/10/2010	R-26 PZ-2	150
10-4534	METALS	GELC	CAWA-10-25784	9/10/2010	R-26 PZ-2	150
10-4534	SVOA	GELC	CAWA-10-25785	9/10/2010	R-26 PZ-2	150
10-4534	VOA	GELC	CAWA-10-25782	9/10/2010	R-26 PZ-2	150
10-4534	VOA	GELC	CAWA-10-25784	9/10/2010	R-26 PZ-2	150
10-4534	VOA	GELC	CAWA-10-25785	9/10/2010	R-26 PZ-2	150

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4541	HEXP	STSL	CAWA-10-25704	9/10/2010	Burning Ground Spring	—
10-4541	HEXP	STSL	CAWA-10-25722	9/10/2010	SWSC Spring	—
10-4542	HEXP	GELC	CAWA-10-25704	9/10/2010	Burning Ground Spring	—
10-4542	HEXP	GELC	CAWA-10-25722	9/10/2010	SWSC Spring	—
10-4542	SVOA	GELC	CAWA-10-25704	9/10/2010	Burning Ground Spring	—
10-4542	SVOA	GELC	CAWA-10-25722	9/10/2010	SWSC Spring	—
10-4542	VOA	GELC	CAWA-10-25703	9/10/2010	Burning Ground Spring	—
10-4542	VOA	GELC	CAWA-10-25704	9/10/2010	Burning Ground Spring	—
10-4542	VOA	GELC	CAWA-10-25721	9/10/2010	SWSC Spring	—
10-4542	VOA	GELC	CAWA-10-25722	9/10/2010	SWSC Spring	—
10-4543	GENINORG	GELC	CAWA-10-25704	9/10/2010	Burning Ground Spring	—
10-4543	GENINORG	GELC	CAWA-10-25705	9/10/2010	Burning Ground Spring	—
10-4543	GENINORG	GELC	CAWA-10-25722	9/10/2010	SWSC Spring	—
10-4543	GENINORG	GELC	CAWA-10-25723	9/10/2010	SWSC Spring	—
10-4543	METALS	GELC	CAWA-10-25704	9/10/2010	Burning Ground Spring	—
10-4543	METALS	GELC	CAWA-10-25705	9/10/2010	Burning Ground Spring	—
10-4543	METALS	GELC	CAWA-10-25722	9/10/2010	SWSC Spring	—
10-4543	METALS	GELC	CAWA-10-25723	9/10/2010	SWSC Spring	—
10-4543	RAD	GELC	CAWA-10-25704	9/10/2010	Burning Ground Spring	—
10-4543	RAD	GELC	CAWA-10-25722	9/10/2010	SWSC Spring	—
10-4546	HEXP	STSL	CAWA-10-25695	9/10/2010	Water above SR-501	—
10-4546	HEXP	STSL	CAWA-10-25699	9/10/2010	Water above SR-501	—
10-4546	HEXP	STSL	CAWA-10-25725	9/10/2010	Water Canyon Gallery	—
10-4547	GENINORG	GELC	CAWA-10-25695	9/10/2010	Water above SR-501	—
10-4547	GENINORG	GELC	CAWA-10-25699	9/10/2010	Water above SR-501	—
10-4547	GENINORG	GELC	CAWA-10-25725	9/10/2010	Water Canyon Gallery	—
10-4547	HEXP	GELC	CAWA-10-25695	9/10/2010	Water above SR-501	—
10-4547	HEXP	GELC	CAWA-10-25699	9/10/2010	Water above SR-501	—
10-4547	HEXP	GELC	CAWA-10-25725	9/10/2010	Water Canyon Gallery	—
10-4547	SVOA	GELC	CAWA-10-25695	9/10/2010	Water above SR-501	—
10-4547	SVOA	GELC	CAWA-10-25698	9/10/2010	Water above SR-501	—
10-4547	SVOA	GELC	CAWA-10-25699	9/10/2010	Water above SR-501	—
10-4547	SVOA	GELC	CAWA-10-25725	9/10/2010	Water Canyon Gallery	—
10-4547	VOA	GELC	CAWA-10-25695	9/10/2010	Water above SR-501	—
10-4547	VOA	GELC	CAWA-10-25696	9/10/2010	Water above SR-501	—
10-4547	VOA	GELC	CAWA-10-25698	9/10/2010	Water above SR-501	—
10-4547	VOA	GELC	CAWA-10-25699	9/10/2010	Water above SR-501	—
10-4547	VOA	GELC	CAWA-10-25724	9/10/2010	Water Canyon Gallery	—
10-4547	VOA	GELC	CAWA-10-25725	9/10/2010	Water Canyon Gallery	—

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4548	GENINORG	GELC	CAWA-10-25694	9/10/2010	Water above SR-501	—
10-4548	GENINORG	GELC	CAWA-10-25695	9/10/2010	Water above SR-501	—
10-4548	GENINORG	GELC	CAWA-10-25697	9/10/2010	Water above SR-501	—
10-4548	GENINORG	GELC	CAWA-10-25699	9/10/2010	Water above SR-501	—
10-4548	GENINORG	GELC	CAWA-10-25725	9/10/2010	Water Canyon Gallery	—
10-4548	GENINORG	GELC	CAWA-10-25726	9/10/2010	Water Canyon Gallery	—
10-4548	METALS	GELC	CAWA-10-25694	9/10/2010	Water above SR-501	—
10-4548	METALS	GELC	CAWA-10-25695	9/10/2010	Water above SR-501	—
10-4548	METALS	GELC	CAWA-10-25697	9/10/2010	Water above SR-501	—
10-4548	METALS	GELC	CAWA-10-25699	9/10/2010	Water above SR-501	—
10-4548	METALS	GELC	CAWA-10-25725	9/10/2010	Water Canyon Gallery	—
10-4548	METALS	GELC	CAWA-10-25726	9/10/2010	Water Canyon Gallery	—
10-4548	RAD	GELC	CAWA-10-25695	9/10/2010	Water above SR-501	—
10-4548	RAD	GELC	CAWA-10-25699	9/10/2010	Water above SR-501	—
10-4548	RAD	GELC	CAWA-10-25725	9/10/2010	Water Canyon Gallery	—
10-4556	HEXP	STSL	CAWA-10-25807	9/13/2010	CdV-16-1(i)	624
10-4557	GENINORG	GELC	CAWA-10-25806	9/13/2010	CdV-16-1(i)	624
10-4557	GENINORG	GELC	CAWA-10-25807	9/13/2010	CdV-16-1(i)	624
10-4557	HEXP	GELC	CAWA-10-25807	9/13/2010	CdV-16-1(i)	624
10-4557	METALS	GELC	CAWA-10-25806	9/13/2010	CdV-16-1(i)	624
10-4557	METALS	GELC	CAWA-10-25807	9/13/2010	CdV-16-1(i)	624
10-4557	RAD	GELC	CAWA-10-25807	9/13/2010	CdV-16-1(i)	624
10-4557	SVOA	GELC	CAWA-10-25807	9/13/2010	CdV-16-1(i)	624
10-4557	VOA	GELC	CAWA-10-25807	9/13/2010	CdV-16-1(i)	624
10-4557	VOA	GELC	CAWA-10-25808	9/13/2010	CdV-16-1(i)	624
10-4586	HEXP	STSL	CAWA-10-25715	9/14/2010	Martin Spring	—
10-4586	HEXP	STSL	CAWA-10-25763	9/14/2010	MSC-16-06295	1.5
10-4586	HEXP	STSL	CAWA-10-25888	9/14/2010	R-27	852
10-4587	GENINORG	GELC	CAWA-10-25715	9/14/2010	Martin Spring	—
10-4587	GENINORG	GELC	CAWA-10-25763	9/14/2010	MSC-16-06295	1.5
10-4587	GENINORG	GELC	CAWA-10-25888	9/14/2010	R-27	852
10-4587	HEXP	GELC	CAWA-10-25715	9/14/2010	Martin Spring	—
10-4587	HEXP	GELC	CAWA-10-25763	9/14/2010	MSC-16-06295	1.5
10-4587	HEXP	GELC	CAWA-10-25888	9/14/2010	R-27	852
10-4587	SVOA	GELC	CAWA-10-25715	9/14/2010	Martin Spring	—
10-4587	SVOA	GELC	CAWA-10-25763	9/14/2010	MSC-16-06295	1.5
10-4587	SVOA	GELC	CAWA-10-25888	9/14/2010	R-27	852
10-4587	VOA	GELC	CAWA-10-25715	9/14/2010	Martin Spring	—
10-4587	VOA	GELC	CAWA-10-25716	9/14/2010	Martin Spring	—

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4587	VOA	GELC	CAWA-10-25762	9/14/2010	MSC-16-06295	1.5
10-4587	VOA	GELC	CAWA-10-25763	9/14/2010	MSC-16-06295	1.5
10-4587	VOA	GELC	CAWA-10-25888	9/14/2010	R-27	852
10-4587	VOA	GELC	CAWA-10-25890	9/14/2010	R-27	852
10-4588	GENINORG	GELC	CAWA-10-25715	9/14/2010	Martin Spring	—
10-4588	GENINORG	GELC	CAWA-10-25717	9/14/2010	Martin Spring	—
10-4588	GENINORG	GELC	CAWA-10-25761	9/14/2010	MSC-16-06295	1.5
10-4588	GENINORG	GELC	CAWA-10-25763	9/14/2010	MSC-16-06295	1.5
10-4588	GENINORG	GELC	CAWA-10-25888	9/14/2010	R-27	852
10-4588	GENINORG	GELC	CAWA-10-25889	9/14/2010	R-27	852
10-4588	METALS	GELC	CAWA-10-25715	9/14/2010	Martin Spring	—
10-4588	METALS	GELC	CAWA-10-25717	9/14/2010	Martin Spring	—
10-4588	METALS	GELC	CAWA-10-25761	9/14/2010	MSC-16-06295	1.5
10-4588	METALS	GELC	CAWA-10-25763	9/14/2010	MSC-16-06295	1.5
10-4588	METALS	GELC	CAWA-10-25889	9/14/2010	R-27	852
10-4589	RAD	GELC	CAWA-10-25715	9/14/2010	Martin Spring	—
10-4589	RAD	GELC	CAWA-10-25763	9/14/2010	MSC-16-06295	1.5
10-4589	RAD	GELC	CAWA-10-25888	9/14/2010	R-27	852
10-4602	GENINORG	GELC	CAWA-10-25888	9/14/2010	R-27	852
10-4602	METALS	GELC	CAWA-10-25888	9/14/2010	R-27	852
10-4660	HEXP	STSL	CAWA-10-25732	9/17/2010	CDV-16-02656	3
10-4661	HEXP	GELC	CAWA-10-25732	9/17/2010	CDV-16-02656	3
10-4661	SVOA	GELC	CAWA-10-25732	9/17/2010	CDV-16-02656	3
10-4661	VOA	GELC	CAWA-10-25730	9/17/2010	CDV-16-02656	3
10-4661	VOA	GELC	CAWA-10-25732	9/17/2010	CDV-16-02656	3
10-4664	HEXP	STSL	CAWA-10-25906	9/20/2010	R-27i	619
10-4665	GENINORG	GELC	CAWA-10-25904	9/20/2010	R-27i	619
10-4665	GENINORG	GELC	CAWA-10-25906	9/20/2010	R-27i	619
10-4665	HEXP	GELC	CAWA-10-25906	9/20/2010	R-27i	619
10-4665	METALS	GELC	CAWA-10-25904	9/20/2010	R-27i	619
10-4665	METALS	GELC	CAWA-10-25906	9/20/2010	R-27i	619
10-4665	PEST/PCB[h]	GELC	CAWA-10-25906	9/20/2010	R-27i	619
10-4665	RAD	GELC	CAWA-10-25906	9/20/2010	R-27i	619
10-4665	SVOA	GELC	CAWA-10-25906	9/20/2010	R-27i	619
10-4665	VOA	GELC	CAWA-10-25905	9/20/2010	R-27i	619
10-4665	VOA	GELC	CAWA-10-25906	9/20/2010	R-27i	619
10-4671	HEXP	STSL	CAWA-10-25771	9/20/2010	WCO-1r	6
10-4672	GENINORG	GELC	CAWA-10-25770	9/20/2010	WCO-1r	6
10-4672	GENINORG	GELC	CAWA-10-25771	9/20/2010	WCO-1r	6

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4672	HEXP	GELC	CAWA-10-25771	9/20/2010	WCO-1r	6
10-4672	METALS	GELC	CAWA-10-25770	9/20/2010	WCO-1r	6
10-4672	METALS	GELC	CAWA-10-25771	9/20/2010	WCO-1r	6
10-4672	PEST/PCB	GELC	CAWA-10-25771	9/20/2010	WCO-1r	6
10-4672	PEST/PCB	GELC	CAWA-10-26615	9/20/2010	WCO-1r	6
10-4672	RAD	GELC	CAWA-10-25771	9/20/2010	WCO-1r	6
10-4672	SVOA	GELC	CAWA-10-25771	9/20/2010	WCO-1r	6
10-4672	SVOA	GELC	CAWA-10-26615	9/20/2010	WCO-1r	6
10-4672	VOA	GELC	CAWA-10-25771	9/20/2010	WCO-1r	6
10-4672	VOA	GELC	CAWA-10-25772	9/20/2010	WCO-1r	6
10-4672	VOA	GELC	CAWA-10-26615	9/20/2010	WCO-1r	6
10-4678	HEXP	STSL	CAWA-10-25902	9/21/2010	CDV-37-1(i)	632
10-4679	GENINORG	GELC	CAWA-10-25902	9/21/2010	CDV-37-1(i)	632
10-4679	GENINORG	GELC	CAWA-10-25903	9/21/2010	CDV-37-1(i)	632
10-4679	HEXP	GELC	CAWA-10-25902	9/21/2010	CDV-37-1(i)	632
10-4679	METALS	GELC	CAWA-10-25902	9/21/2010	CDV-37-1(i)	632
10-4679	METALS	GELC	CAWA-10-25903	9/21/2010	CDV-37-1(i)	632
10-4679	PEST/PCB	GELC	CAWA-10-25902	9/21/2010	CDV-37-1(i)	632
10-4679	RAD	GELC	CAWA-10-25902	9/21/2010	CDV-37-1(i)	632
10-4679	SVOA	GELC	CAWA-10-25902	9/21/2010	CDV-37-1(i)	632
10-4679	VOA	GELC	CAWA-10-25901	9/21/2010	CDV-37-1(i)	632
10-4679	VOA	GELC	CAWA-10-25902	9/21/2010	CDV-37-1(i)	632
10-4682	HEXP	STSL	CAWA-10-25800	9/21/2010	R-25	754.8
10-4682	HEXP	STSL	CAWA-10-25814	9/21/2010	R-25	891.8
10-4683	GENINORG	GELC	CAWA-10-25800	9/21/2010	R-25	754.8
10-4683	HEXP	GELC	CAWA-10-25800	9/21/2010	R-25	754.8
10-4683	HEXP	GELC	CAWA-10-25814	9/21/2010	R-25	891.8
10-4683	SVOA	GELC	CAWA-10-25799	9/20/2010	R-25	754.8
10-4683	SVOA	GELC	CAWA-10-25800	9/21/2010	R-25	754.8
10-4683	SVOA	GELC	CAWA-10-25813	9/21/2010	R-25	891.8
10-4683	SVOA	GELC	CAWA-10-25814	9/21/2010	R-25	891.8
10-4683	VOA	GELC	CAWA-10-25799	9/20/2010	R-25	754.8
10-4683	VOA	GELC	CAWA-10-25800	9/21/2010	R-25	754.8
10-4683	VOA	GELC	CAWA-10-25801	9/21/2010	R-25	754.8
10-4683	VOA	GELC	CAWA-10-25813	9/21/2010	R-25	891.8
10-4683	VOA	GELC	CAWA-10-25814	9/21/2010	R-25	891.8
10-4683	VOA	GELC	CAWA-10-25815	9/21/2010	R-25	891.8
10-4684	GENINORG	GELC	CAWA-10-25798	9/21/2010	R-25	754.8
10-4684	GENINORG	GELC	CAWA-10-25800	9/21/2010	R-25	754.8

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4684	GENINORG	GELC	CAWA-10-25812	9/21/2010	R-25	891.8
10-4684	METALS	GELC	CAWA-10-25798	9/21/2010	R-25	754.8
10-4684	METALS	GELC	CAWA-10-25800	9/21/2010	R-25	754.8
10-4684	RAD	GELC	CAWA-10-25800	9/21/2010	R-25	754.8
10-4684	RAD	GELC	CAWA-10-25814	9/21/2010	R-25	891.8
10-4685	DIOX/FUR[i]	CFA	CAWA-10-25902	9/21/2010	CDV-37-1(i)	632
10-4685	DIOX/FUR	CFA	CAWA-10-25906	9/20/2010	R-27i	619
10-4709	HEXP	STSL	CAWA-10-25897	9/22/2010	R-48	1500
10-4710	DIOX/FUR	CFA	CAWA-10-25897	9/22/2010	R-48	1500
10-4711	GENINORG	GELC	CAWA-10-25897	9/22/2010	R-48	1500
10-4711	HEXP	GELC	CAWA-10-25897	9/22/2010	R-48	1500
10-4711	METALS	GELC	CAWA-10-25897	9/22/2010	R-48	1500
10-4711	PEST/PCB	GELC	CAWA-10-25897	9/22/2010	R-48	1500
10-4711	RAD	GELC	CAWA-10-25897	9/22/2010	R-48	1500
10-4711	SVOA	GELC	CAWA-10-25897	9/22/2010	R-48	1500
10-4711	VOA	GELC	CAWA-10-25897	9/22/2010	R-48	1500
10-4714	HEXP	STSL	CAWA-10-25802	9/21/2010	R-25	1192.4
10-4714	HEXP	STSL	CAWA-10-25893	9/22/2010	R-48	1500
10-4714	HEXP	STSL	CAWA-10-25895	9/22/2010	R-48	1500
10-4715	DIOX/FUR	CFA	CAWA-10-25893	9/22/2010	R-48	1500
10-4715	DIOX/FUR	CFA	CAWA-10-25894	9/22/2010	R-48	1500
10-4715	DIOX/FUR	CFA	CAWA-10-25895	9/22/2010	R-48	1500
10-4716	GENINORG	GELC	CAWA-10-25802	9/21/2010	R-25	1192.4
10-4716	GENINORG	GELC	CAWA-10-25893	9/22/2010	R-48	1500
10-4716	GENINORG	GELC	CAWA-10-25895	9/22/2010	R-48	1500
10-4716	HEXP	GELC	CAWA-10-25802	9/21/2010	R-25	1192.4
10-4716	HEXP	GELC	CAWA-10-25893	9/22/2010	R-48	1500
10-4716	HEXP	GELC	CAWA-10-25895	9/22/2010	R-48	1500
10-4716	PEST/PCB	GELC	CAWA-10-25893	9/22/2010	R-48	1500
10-4716	PEST/PCB	GELC	CAWA-10-25894	9/22/2010	R-48	1500
10-4716	PEST/PCB	GELC	CAWA-10-25895	9/22/2010	R-48	1500
10-4716	SVOA	GELC	CAWA-10-25802	9/21/2010	R-25	1192.4
10-4716	SVOA	GELC	CAWA-10-25893	9/22/2010	R-48	1500
10-4716	SVOA	GELC	CAWA-10-25894	9/22/2010	R-48	1500
10-4716	SVOA	GELC	CAWA-10-25895	9/22/2010	R-48	1500
10-4716	VOA	GELC	CAWA-10-25802	9/21/2010	R-25	1192.4
10-4716	VOA	GELC	CAWA-10-25803	9/21/2010	R-25	1192.4
10-4716	VOA	GELC	CAWA-10-25892	9/22/2010	R-48	1500
10-4716	VOA	GELC	CAWA-10-25893	9/22/2010	R-48	1500

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4716	VOA	GELC	CAWA-10-25894	9/22/2010	R-48	1500
10-4716	VOA	GELC	CAWA-10-25895	9/22/2010	R-48	1500
10-4717	GENINORG	GELC	CAWA-10-25802	9/21/2010	R-25	1192.4
10-4717	GENINORG	GELC	CAWA-10-25805	9/21/2010	R-25	1192.4
10-4717	GENINORG	GELC	CAWA-10-25891	9/22/2010	R-48	1500
10-4717	GENINORG	GELC	CAWA-10-25893	9/22/2010	R-48	1500
10-4717	GENINORG	GELC	CAWA-10-25895	9/22/2010	R-48	1500
10-4717	GENINORG	GELC	CAWA-10-25896	9/22/2010	R-48	1500
10-4717	METALS	GELC	CAWA-10-25802	9/21/2010	R-25	1192.4
10-4717	METALS	GELC	CAWA-10-25805	9/21/2010	R-25	1192.4
10-4717	METALS	GELC	CAWA-10-25891	9/22/2010	R-48	1500
10-4717	METALS	GELC	CAWA-10-25893	9/22/2010	R-48	1500
10-4717	METALS	GELC	CAWA-10-25895	9/22/2010	R-48	1500
10-4717	METALS	GELC	CAWA-10-25896	9/22/2010	R-48	1500
10-4718	RAD	GELC	CAWA-10-25802	9/21/2010	R-25	1192.4
10-4718	RAD	GELC	CAWA-10-25893	9/22/2010	R-48	1500
10-4718	RAD	GELC	CAWA-10-25895	9/22/2010	R-48	1500
10-4721	HEXP	GELC	CAWA-10-25846	9/23/2010	R-25	1303.4
10-4721	HEXP	GELC	CAWA-10-25851	9/22/2010	R-25	1406.3
10-4721	HEXP	GELC	CAWA-10-25908	9/23/2010	R-47i	840
10-4721	PEST/PCB	GELC	CAWA-10-25908	9/23/2010	R-47i	840
10-4721	RAD	GELC	CAWA-10-25851	9/22/2010	R-25	1406.3
10-4721	RAD	GELC	CAWA-10-25908	9/23/2010	R-47i	840
10-4721	SVOA	GELC	CAWA-10-25846	9/23/2010	R-25	1303.4
10-4721	SVOA	GELC	CAWA-10-25851	9/22/2010	R-25	1406.3
10-4721	SVOA	GELC	CAWA-10-25908	9/23/2010	R-47i	840
10-4721	VOA	GELC	CAWA-10-25846	9/23/2010	R-25	1303.4
10-4721	VOA	GELC	CAWA-10-25847	9/23/2010	R-25	1303.4
10-4721	VOA	GELC	CAWA-10-25848	9/22/2010	R-25	1406.3
10-4721	VOA	GELC	CAWA-10-25851	9/22/2010	R-25	1406.3
10-4721	VOA	GELC	CAWA-10-25908	9/23/2010	R-47i	840
10-4721	VOA	GELC	CAWA-10-25909	9/23/2010	R-47i	840
10-4722	GENINORG	GELC	CAWA-10-25844	9/23/2010	R-25	1303.4
10-4722	GENINORG	GELC	CAWA-10-25846	9/23/2010	R-25	1303.4
10-4722	GENINORG	GELC	CAWA-10-25849	9/22/2010	R-25	1406.3
10-4722	GENINORG	GELC	CAWA-10-25851	9/22/2010	R-25	1406.3
10-4722	GENINORG	GELC	CAWA-10-25907	9/23/2010	R-47i	840
10-4722	GENINORG	GELC	CAWA-10-25908	9/23/2010	R-47i	840
10-4722	METALS	GELC	CAWA-10-25844	9/23/2010	R-25	1303.4

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4722	METALS	GELC	CAWA-10-25846	9/23/2010	R-25	1303.4
10-4722	METALS	GELC	CAWA-10-25849	9/22/2010	R-25	1406.3
10-4722	METALS	GELC	CAWA-10-25851	9/22/2010	R-25	1406.3
10-4722	METALS	GELC	CAWA-10-25907	9/23/2010	R-47i	840
10-4722	METALS	GELC	CAWA-10-25908	9/23/2010	R-47i	840
10-4724	HEXP	STSL	CAWA-10-25846	9/23/2010	R-25	1303.4
10-4724	HEXP	STSL	CAWA-10-25851	9/22/2010	R-25	1406.3
10-4724	HEXP	STSL	CAWA-10-25908	9/23/2010	R-47i	840
10-4743	DIOX/FUR	CFA	CAWA-10-25908	9/23/2010	R-47i	840
10-4755	HEXP	STSL	CAWA-10-25706	9/24/2010	CDV-5.0 SPRING	—
10-4755	HEXP	STSL	CAWA-10-25709	9/24/2010	CDV-5.0 SPRING	—
10-4755	HEXP	STSL	CAWA-10-25865	9/23/2010	R-25	1606
10-4755	HEXP	STSL	CAWA-10-25885	9/24/2010	R-25	1796
10-4756	GENINORG	GELC	CAWA-10-25706	9/24/2010	CDV-5.0 SPRING	—
10-4756	GENINORG	GELC	CAWA-10-25709	9/24/2010	CDV-5.0 SPRING	—
10-4756	GENINORG	GELC	CAWA-10-25865	9/23/2010	R-25	1606
10-4756	GENINORG	GELC	CAWA-10-25885	9/24/2010	R-25	1796
10-4756	HEXP	GELC	CAWA-10-25706	9/24/2010	CDV-5.0 SPRING	—
10-4756	HEXP	GELC	CAWA-10-25709	9/24/2010	CDV-5.0 SPRING	—
10-4756	HEXP	GELC	CAWA-10-25865	9/23/2010	R-25	1606
10-4756	HEXP	GELC	CAWA-10-25885	9/24/2010	R-25	1796
10-4756	SVOA	GELC	CAWA-10-25706	9/24/2010	CDV-5.0 SPRING	—
10-4756	SVOA	GELC	CAWA-10-25709	9/24/2010	CDV-5.0 SPRING	—
10-4756	SVOA	GELC	CAWA-10-25711	9/24/2010	CDV-5.0 SPRING	—
10-4756	SVOA	GELC	CAWA-10-25865	9/23/2010	R-25	1606
10-4756	SVOA	GELC	CAWA-10-25885	9/24/2010	R-25	1796
10-4756	VOA	GELC	CAWA-10-25706	9/24/2010	CDV-5.0 SPRING	—
10-4756	VOA	GELC	CAWA-10-25708	9/24/2010	CDV-5.0 SPRING	—
10-4756	VOA	GELC	CAWA-10-25709	9/24/2010	CDV-5.0 SPRING	—
10-4756	VOA	GELC	CAWA-10-25711	9/24/2010	CDV-5.0 SPRING	—
10-4756	VOA	GELC	CAWA-10-25864	9/23/2010	R-25	1606
10-4756	VOA	GELC	CAWA-10-25865	9/23/2010	R-25	1606
10-4756	VOA	GELC	CAWA-10-25885	9/24/2010	R-25	1796
10-4756	VOA	GELC	CAWA-10-25886	9/24/2010	R-25	1796
10-4757	GENINORG	GELC	CAWA-10-25706	9/24/2010	CDV-5.0 SPRING	—
10-4757	GENINORG	GELC	CAWA-10-25707	9/24/2010	CDV-5.0 SPRING	—
10-4757	GENINORG	GELC	CAWA-10-25709	9/24/2010	CDV-5.0 SPRING	—
10-4757	GENINORG	GELC	CAWA-10-25710	9/24/2010	CDV-5.0 SPRING	—
10-4757	GENINORG	GELC	CAWA-10-25865	9/23/2010	R-25	1606

Request	Suite	Lab	Sample ID	Date	Location	Port Depth (ft)
10-4757	GENINORG	GELC	CAWA-10-25867	9/23/2010	R-25	1606
10-4757	GENINORG	GELC	CAWA-10-25885	9/24/2010	R-25	1796
10-4757	GENINORG	GELC	CAWA-10-25887	9/24/2010	R-25	1796
10-4757	METALS	GELC	CAWA-10-25706	9/24/2010	CDV-5.0 SPRING	—
10-4757	METALS	GELC	CAWA-10-25707	9/24/2010	CDV-5.0 SPRING	—
10-4757	METALS	GELC	CAWA-10-25709	9/24/2010	CDV-5.0 SPRING	—
10-4757	METALS	GELC	CAWA-10-25710	9/24/2010	CDV-5.0 SPRING	—
10-4757	METALS	GELC	CAWA-10-25865	9/23/2010	R-25	1606
10-4757	METALS	GELC	CAWA-10-25867	9/23/2010	R-25	1606
10-4757	METALS	GELC	CAWA-10-25885	9/24/2010	R-25	1796
10-4757	METALS	GELC	CAWA-10-25887	9/24/2010	R-25	1796
10-4759	RAD	GELC	CAWA-10-25706	9/24/2010	CDV-5.0 SPRING	—
10-4759	RAD	GELC	CAWA-10-25709	9/24/2010	CDV-5.0 SPRING	—
10-4759	RAD	GELC	CAWA-10-25865	9/23/2010	R-25	1606
10-4759	RAD	GELC	CAWA-10-25885	9/24/2010	R-25	1796
11-7	GENINORG	GELC	CAWA-10-25688	9/24/2010	Between E252 and Water at Beta	—
11-7	GENINORG	GELC	CAWA-10-25689	9/24/2010	Between E252 and Water at Beta	—
11-7	HEXP	GELC	CAWA-10-25688	9/24/2010	Between E252 and Water at Beta	—
11-7	METALS	GELC	CAWA-10-25688	9/24/2010	Between E252 and Water at Beta	—
11-7	METALS	GELC	CAWA-10-25689	9/24/2010	Between E252 and Water at Beta	—
11-7	RAD	GELC	CAWA-10-25688	9/24/2010	Between E252 and Water at Beta	—
11-7	SVOA	GELC	CAWA-10-25688	9/24/2010	Between E252 and Water at Beta	—
11-7	VOA	GELC	CAWA-10-25688	9/24/2010	Between E252 and Water at Beta	—
11-7	VOA	GELC	CAWA-10-25690	9/24/2010	Between E252 and Water at Beta	—

[a] HEXP = High explosives.

[b] GENINORG = General inorganics.

[c] SVOA = Semivolatile organic analysis.

[d] VOA = Volatile organic analysis.

[e] RAD = Radionuclides.

[f] MDA = Material disposal area.

[g] — = Not applicable.

[h] PEST/PCB = Pesticides/polychlorinated biphenyls.

[i] DIOX/FUR = Dioxins and furans.