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Periodic Monitoring Report for Water Canyon/ Cañon de Valle Watershed, June 10–June 22, 2011

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 June 10 to June 22, 2011, and included monitoring of groundwater wells or well ports. 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. No surface-water locations were sampled during the current PME.

No results from groundwater samples collected before the current PME and reported in this PMR were above screening levels. Four 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
cfs	cubic feet per second
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guide (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
GW	groundwater
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)
MCPA	methyl-4-chlorophenoxyacetic(2-) acid
MCPP	2-(4-chloro-2-methylphenoxy)propanoic acid
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
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
TA	technical area
TNT	2,4,6-trinitrotoluene

UF	unfiltered
VOC	volatile organic compound

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of sampling supplementary to semiannual 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). Sampling of locations reported here was postponed during the March 25–April 13, 2011, PME because of the CdV-16-4ip pump test taking place at that time. This periodic monitoring event (PME) occurred from June 10 to June 22, 2011, and included sampling at groundwater wells or well ports. 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 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. No surface-water locations were sampled during this PME, so there were no base-flow measurements.

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) 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 June 2011 sampling event. The analytical laboratory reports (including chain-of-custody forms and data validation) are provided in Appendix F (on CD included with this document).

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

- All data
    - ❖ Data that are R-qualified (rejected because of noncompliance regarding QC acceptance criteria) during independent validation are considered unusable but are still reported.
    - ❖ Analytical laboratory QC results, including matrix spike and matrix spike duplicates, 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-6 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. Because uranium, gross alpha, and gross beta are usually detected in water samples and to focus on the higher measurements, the tables include only occurrences of these measurements above threshold values. (All of the detected results are included in Appendix C.) The threshold levels are 5 µg/L for uranium, 5 pCi/L for gross alpha, and 20 pCi/L for gross beta, which are lower than the respective screening levels (30 µg/L for uranium, 15 pCi/L for gross alpha, and 50 pCi/L for gross beta). 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.

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral (Table 4.2-2). Along with a hardness value, this category determines the screening levels used for data at each monitoring location. Hardness-dependent screening levels used to screen data at each base-flow monitoring location are determined using the geometric mean of hardness data (mg/L as calcium carbonate) collected from 2006 through 2010 at each location (Table 4.2-2). Hardness-dependent acute and chronic criteria were used for total aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code 6.4.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.

- Other groundwater data are screened to 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 4.2-3 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.

Figure 4.2-1 shows 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 well screens, 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.

No surface-water locations were sampled during the current PME.

4.2.2 Groundwater

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

For the current PME, at the 754-ft intermediate screen of R-25 the filtered nickel concentration of 623 µg/L was above the 200 µg/L NMWQCC groundwater standard screening level. Filtered nickel results since 2000 for this screen range from 9.5 µg/L to 731 µg/L.

The RDX concentrations in three intermediate screens of R-25 were above the EPA tap water screening level of 6.1 µg/L. However, all these results were qualified as estimated, because analytical calibration was outside required limits. At the 754-ft screen, the new result of 38 µg/L is within the range of measurements since 2000 of 26 µg/L to 74 µg/L (in addition to two much lower results). At the 891-ft screen, the result of 11.8 µg/L is within the range of previous results that lie between nondetect (<0.1 µg/L) and 38 µg/L. At the 1192-ft screen, the result of 26.7 µg/L is the highest for the screen; earlier

values range from 1.9 µg/L to 21.1 µg/L. The results in R-25 at the 891-ft and 1192-ft screens continue general increases 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.

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.

No surface-water locations were sampled during the current PME.

For results above screening levels, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.2.2 Groundwater

No results from groundwater samples collected before the current PME and reported in this PMR were above screening levels.

Four results from groundwater samples collected during this PME were above screening levels.

For results above screening levels, aside from the highest (though estimated) RDX concentration at the 1192-ft screen of R-25, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.3 Data Gaps

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

6.0 REFERENCES

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

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

LANL (Los Alamos National Laboratory), 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)

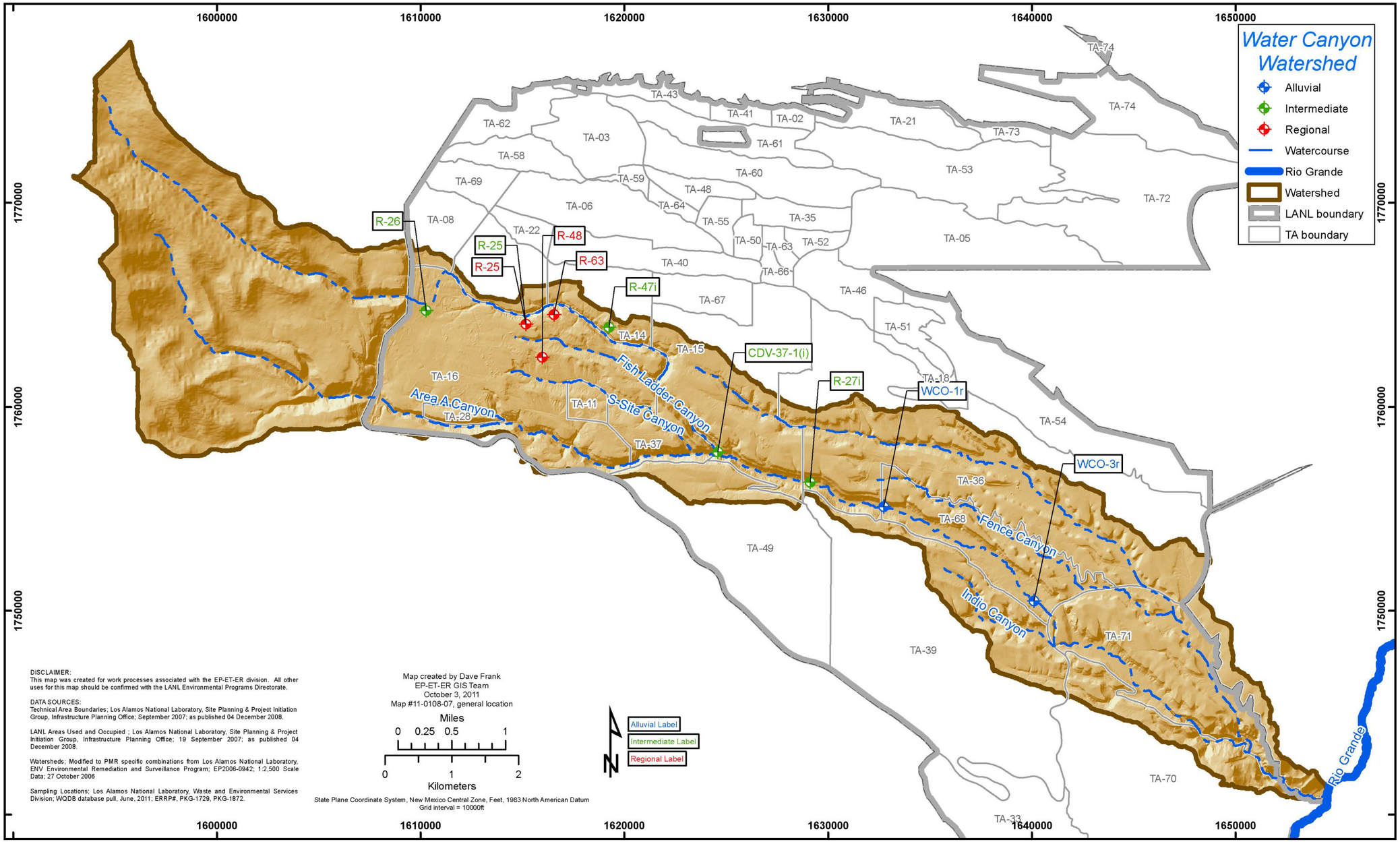


Figure 2.0-1 Locations monitored for this PME. Some locations on this map may not have been sampled (see Table 3.4-1).

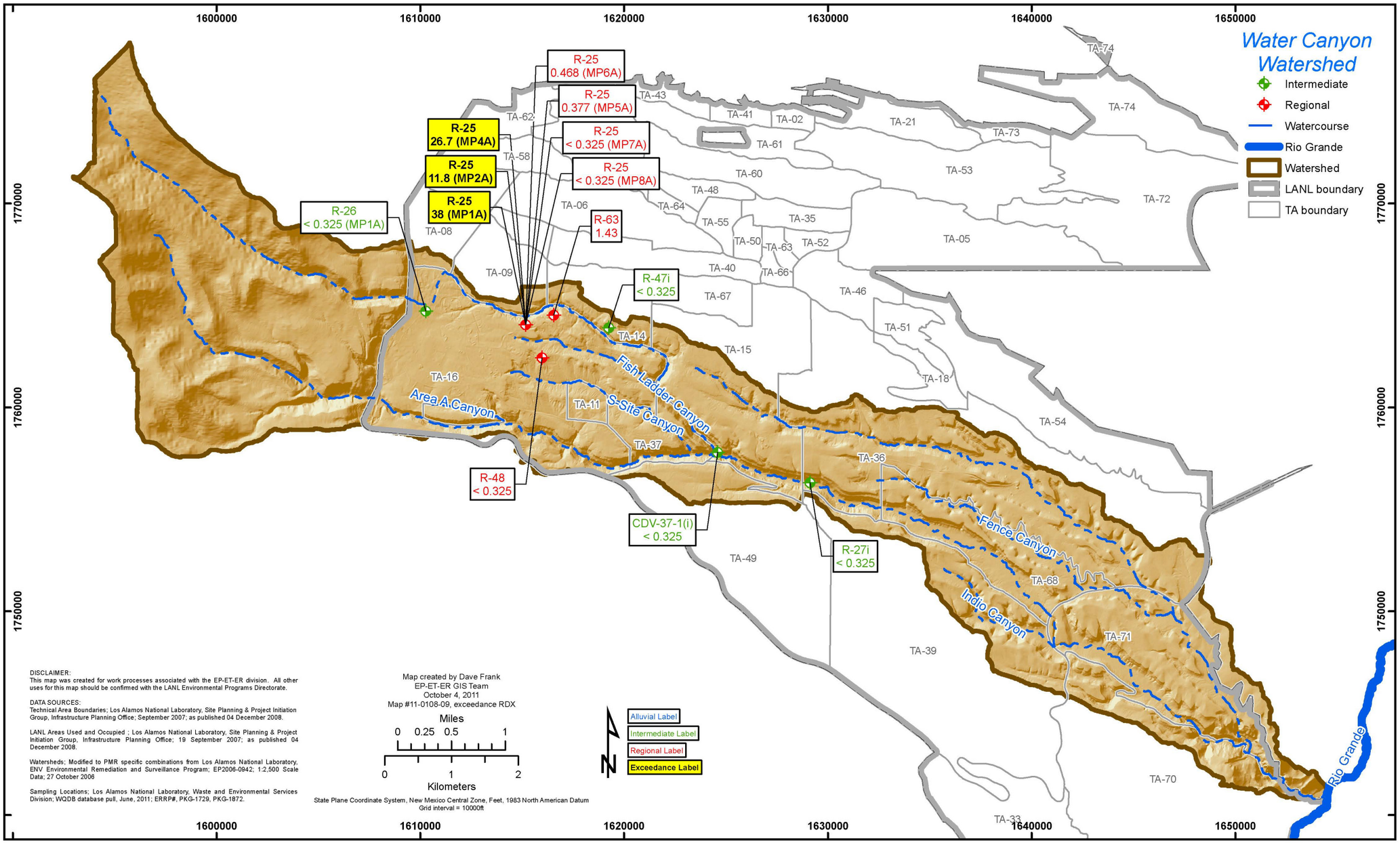


Figure 4.2-1 Watershed unfiltered RDX concentrations in µg/L. The EPA tap water screening level is 6.1 µg/L.

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

Location Name	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 or Purge Rate (cfs[a])
Alluvial									
WCO-1r	06/22/11	Single	6	10	6	16	n/a[b]	n/a	Dry[c]
WCO-3r	06/22/11	Single	4.7	5	4.7	9.7	n/a	n/a	Dry
Intermediate									
CDV-37-1(i)	06/20/11	Single	632	20.5	632	652.5	n/a	n/a	n/a
R-25	06/14/11	MP1A	754.8	20.8	737.6	758.4	n/a	n/a	n/a
R-25	06/15/11	MP2A	891.8	10.8	882.6	893.4	n/a	n/a	n/a
R-25	06/15/11	MP4A	1192.4	10	1184.6	1194.6	n/a	n/a	n/a
R-26	06/01/11	MP1A	659.3	18.1	651.8	669.9	n/a	n/a	n/a
R-27i	06/20/11	Single	619	10	619	629	14.2	42.8	0.0008
R-47i	06/21/11	Single	840	20.6	840	860.6	36.8	111	0.002
Regional									
CdV-R-15-3	06/22/11	MP4A	1254.4	43.8	1235.1	1278.9	n/a	n/a	Removed from plan.
CdV-R-15-3	06/22/11	MP5A	1350.1	6.9	1348.4	1355.3	n/a	n/a	Removed from plan.
CdV-R-15-3	06/22/11	MP6A	1640.1	6.9	1637.9	1644.8	n/a	n/a	Removed from plan.
CdV-R-37-2	06/22/11	MP2A	1200.3	25.1	1188.7	1213.8	n/a	n/a	Removed from plan.
CdV-R-37-2	06/22/11	MP3A	1359.3	23.4	1353.7	1377.1	n/a	n/a	Removed from plan.
CdV-R-37-2	06/22/11	MP4A	1550.6	6.7	1549.3	1556	n/a	n/a	Removed from plan.
R-25	06/15/11	MP5A	1303.4	10	1294.7	1304.7	n/a	n/a	n/a
R-25	06/16/11	MP6A	1406.3	10	1404.7	1414.7	n/a	n/a	n/a
R-25	06/16/11	MP7A	1606	10	1604.7	1614.7	n/a	n/a	n/a
R-25	06/17/11	MP8A	1796	10	1794.7	1804.7	n/a	n/a	n/a
R-48	06/22/11	Single	1500	20.6	1500	1520.6	191	944	0.012
R-63	06/22/11	Single	1325	20.3	1325	1345.3	106	318	0.015

[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
WCO-1r and WCO-3r	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-R-15-3 MP4A, MP5A, MP6A; and CdV-R-37-2 MP2A, MP3A, MP4A	No data are included in this report for these locations.	Removed from 2010 IFGMP because of Westbay study.	n/a*

*n/a = Not applicable.

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

Analyte or CAS No.	Analyte Name	MDL[a]	PQL	Screening Level	Unit	Screening-Level Type
Herbicides						
94-74-6	MCPA[b]	12	53	18	µg/L	EPA Regional Tap
93-65-2	MCPP[c]	11	53	37	µg/L	EPA Regional Tap
Metals						
Be	Beryllium	1	5	4	µg/L	EPA MCL
Semivolatile Organic Analytes						
1912-24-9	Atrazine	3	10	3	µg/L	EPA MCL
103-33-3	Azobenzene	2	10	1.3	µg/L	EPA Regional Tap
92-87-5	Benzidine	3	10	0.00094	µg/L	EPA Regional Tap
56-55-3	Benzo(a)anthracene	0.2	1	0.29	µg/L	EPA Regional Tap
50-32-8	Benzo(a)pyrene	0.2	1	0.2	µg/L	EPA MCL
205-99-2	Benzo(b)fluoranthene	0.2	1	0.29	µg/L	EPA Regional Tap
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	µg/L	EPA Regional Tap
117-81-7	Bis(2-ethylhexyl)phthalate	2	10	6	µg/L	EPA MCL
106-47-8	Chloroaniline[4-]	2	10	3.4	µg/L	EPA Regional Tap
53-70-3	Dibenz(a,h)anthracene	0.2	1	0.029	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	2	10	1.5	µg/L	EPA Regional Tap
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	2.9	µg/L	EPA Regional Tap
123-91-1	Dioxane[1,4-]	2	10	6.7	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	1	µg/L	EPA MCL
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.29	µg/L	EPA Regional Tap
55-18-5	Nitrosodiethylamine[N-]	2	10	0.0014	µg/L	EPA Regional Tap
62-75-9	Nitrosodimethylamine[N-]	2	10	0.0042	µg/L	EPA Regional Tap
924-16-3	Nitroso-di-n-butylamine[N-]	3	10	0.024	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	2	10	0.096	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	2	10	0.32	µg/L	EPA Regional Tap
108-60-1	Oxybis(1-chloropropane)[2,2'-]	2	10	3.2	µg/L	EPA Regional Tap

Table 3.4-2 (continued)

Analyte or CAS No.	Analyte Name	MDL[a]	PQL	Screening Level	Unit	Screening-Level Type
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	1.3	5	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1	5	0.45	µg/L	EPA Regional Tap
126-99-8	Chloro-1,3-butadiene[2-]	0.3	1	0.16	µg/L	EPA Regional Tap
96-12-8	Dibromo-3-Chloropropane[1,2-]	0.3	1	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.25	1	0.05	µg/L	EPA MCL
126-98-7	Methacrylonitrile	1	5	1	µg/L	EPA Regional Tap
75-09-2	Methylene Chloride	3	10	5	µg/L	EPA MCL
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

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

[a] MDL = Method detection limit.

[b] MCPA = Methyl-4-chlorophenoxyacetic(2-) acid.

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

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

Standard 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
Base-flow Location Type and Hardness Assignments Used to Select Screening Levels

Watershed	Location	Stream Type	Hardness (mg/L as $CaCO_3$)
Water	Between E252 and Water at Beta	Perennial	50
Water	Canon de Valle below MDA P	Perennial	70
Water	Water above SR-501	Perennial	40
Water	Water at Beta	Perennial	50

Table 4.2-3
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
Intermediate Groundwater							
R-25	06/14/11	Nickel	F[a]	623	µg/L	200	NMWQCC GW STD
R-25	06/14/11	RDX	UF[b]	38	µg/L	6.1	EPA TAP SCRN LVL
R-25	06/15/11	RDX	UF	11.8	µg/L	6.1	EPA TAP SCRN LVL
R-25	06/15/11	RDX	UF	26.7	µg/L	6.1	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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-37-1(i)	8931	Single	632	06/20/11	WG[a]	Dissolved Oxygen	7.7	mg/L	CAWA-11-14062
CDV-37-1(i)	8931	Single	632	03/31/11	WG	Dissolved Oxygen	7.79	mg/L	CAWA-11-5324
CDV-37-1(i)	8931	Single	632	12/01/10	WG	Dissolved Oxygen	6.7	mg/L	CAWA-11-2117
CDV-37-1(i)	8931	Single	632	09/21/10	WG	Dissolved Oxygen	7.73	mg/L	CAWA-10-25902
CDV-37-1(i)	8931	Single	632	04/01/10	WG	Dissolved Oxygen	6.79	mg/L	CAWA-10-15170
CDV-37-1(i)	8931	Single	632	06/20/11	WG	Oxidation Reduction Potential	109	mV	CAWA-11-14062
CDV-37-1(i)	8931	Single	632	03/31/11	WG	Oxidation Reduction Potential	-92.1	mV	CAWA-11-5324
CDV-37-1(i)	8931	Single	632	12/01/10	WG	Oxidation Reduction Potential	245.5	mV	CAWA-11-2117
CDV-37-1(i)	8931	Single	632	09/21/10	WG	Oxidation Reduction Potential	78.3	mV	CAWA-10-25902
CDV-37-1(i)	8931	Single	632	04/01/10	WG	Oxidation Reduction Potential	37.4	mV	CAWA-10-15170
CDV-37-1(i)	8931	Single	632	06/20/11	WG	pH	7.13	SU[b]	CAWA-11-14062
CDV-37-1(i)	8931	Single	632	03/31/11	WG	pH	7.21	SU	CAWA-11-5324
CDV-37-1(i)	8931	Single	632	12/01/10	WG	pH	7.05	SU	CAWA-11-2117
CDV-37-1(i)	8931	Single	632	09/21/10	WG	pH	6.57	SU	CAWA-10-25902
CDV-37-1(i)	8931	Single	632	04/01/10	WG	pH	6.79	SU	CAWA-10-15170
CDV-37-1(i)	8931	Single	632	06/20/11	WG	Specific Conductance	120	µS/cm	CAWA-11-14062
CDV-37-1(i)	8931	Single	632	03/31/11	WG	Specific Conductance	119	µS/cm	CAWA-11-5324
CDV-37-1(i)	8931	Single	632	12/01/10	WG	Specific Conductance	117	µS/cm	CAWA-11-2117
CDV-37-1(i)	8931	Single	632	09/21/10	WG	Specific Conductance	129	µS/cm	CAWA-10-25902
CDV-37-1(i)	8931	Single	632	04/01/10	WG	Specific Conductance	129	µS/cm	CAWA-10-15170
CDV-37-1(i)	8931	Single	632	06/20/11	WG	Temperature	13.84	deg C	CAWA-11-14062
CDV-37-1(i)	8931	Single	632	03/31/11	WG	Temperature	13.74	deg C	CAWA-11-5324
CDV-37-1(i)	8931	Single	632	12/01/10	WG	Temperature	13.41	deg C	CAWA-11-2117
CDV-37-1(i)	8931	Single	632	09/21/10	WG	Temperature	13.61	deg C	CAWA-10-25902
CDV-37-1(i)	8931	Single	632	04/01/10	WG	Temperature	10.88	deg C	CAWA-10-15170
CDV-37-1(i)	8931	Single	632	06/20/11	WG	Turbidity	2.88	NTU[c]	CAWA-11-14062
CDV-37-1(i)	8931	Single	632	03/31/11	WG	Turbidity	2.35	NTU	CAWA-11-5324
CDV-37-1(i)	8931	Single	632	12/01/10	WG	Turbidity	4.19	NTU	CAWA-11-2117

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-37-1(i)	8931	Single	632	09/21/10	WG	Turbidity	5.14	NTU	CAWA-10-25902
CDV-37-1(i)	8931	Single	632	04/01/10	WG	Turbidity	8.54	NTU	CAWA-10-15170
R-25	932	MP1A	754.8	06/14/11	WG	Dissolved Oxygen	6.3	mg/L	CAWA-11-13984
R-25	932	MP1A	754.8	09/21/10	WG	Dissolved Oxygen	5.29	mg/L	CAWA-10-25800
R-25	932	MP1A	754.8	03/31/09	WG	Dissolved Oxygen	5.95	mg/L	CAWA-09-5594
R-25	932	MP1A	754.8	10/22/08	WG	Dissolved Oxygen	3.82	mg/L	CAWA-08-16016
R-25	932	MP1A	754.8	10/18/07	WG	Dissolved Oxygen	6.34	mg/L	FU07100G25R101
R-25	932	MP1A	754.8	06/14/11	WG	pH	7.6	SU	CAWA-11-13984
R-25	932	MP1A	754.8	09/21/10	WG	pH	6.69	SU	CAWA-10-25800
R-25	932	MP1A	754.8	03/31/09	WG	pH	6.72	SU	CAWA-09-5594
R-25	932	MP1A	754.8	10/22/08	WG	pH	6.8	SU	CAWA-08-16016
R-25	932	MP1A	754.8	06/14/11	WG	Specific Conductance	197	µS/cm	CAWA-11-13984
R-25	932	MP1A	754.8	09/21/10	WG	Specific Conductance	189	µS/cm	CAWA-10-25800
R-25	932	MP1A	754.8	03/31/09	WG	Specific Conductance	134	µS/cm	CAWA-09-5594
R-25	932	MP1A	754.8	10/22/08	WG	Specific Conductance	193	µS/cm	CAWA-08-16016
R-25	932	MP1A	754.8	06/14/11	WG	Temperature	15.61	deg C	CAWA-11-13984
R-25	932	MP1A	754.8	09/21/10	WG	Temperature	14.29	deg C	CAWA-10-25800
R-25	932	MP1A	754.8	03/31/09	WG	Temperature	12.31	deg C	CAWA-09-5594
R-25	932	MP1A	754.8	10/22/08	WG	Temperature	11	deg C	CAWA-08-16016
R-25	932	MP1A	754.8	10/18/07	WG	Temperature	11.6	deg C	FU07100G25R101
R-25	932	MP1A	754.8	06/14/11	WG	Turbidity	8.87	NTU	CAWA-11-13984
R-25	932	MP1A	754.8	09/21/10	WG	Turbidity	11.3	NTU	CAWA-10-25800
R-25	932	MP1A	754.8	03/31/09	WG	Turbidity	14.41	NTU	CAWA-09-5594
R-25	932	MP1A	754.8	10/22/08	WG	Turbidity	6.89	NTU	CAWA-08-16016
R-25	932	MP1A	754.8	10/18/07	WG	Turbidity	10.3	NTU	FU07100G25R101
R-25	982	MP2A	891.8	06/15/11	WG	Dissolved Oxygen	3.97	mg/L	CAWA-11-13989
R-25	982	MP2A	891.8	09/21/10	WG	Dissolved Oxygen	7.67	mg/L	CAWA-10-25814
R-25	982	MP2A	891.8	04/06/10	WG	Dissolved Oxygen	5.29	mg/L	CAWA-10-15241

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	982	MP2A	891.8	10/16/09	WG	Dissolved Oxygen	10.17	mg/L	CAWA-09-14195
R-25	982	MP2A	891.8	04/01/09	WG	Dissolved Oxygen	4.38	mg/L	CAWA-09-5632
R-25	982	MP2A	891.8	06/15/11	WG	pH	6.65	SU	CAWA-11-13989
R-25	982	MP2A	891.8	09/21/10	WG	pH	6.5	SU	CAWA-10-25814
R-25	982	MP2A	891.8	04/06/10	WG	pH	6.24	SU	CAWA-10-15241
R-25	982	MP2A	891.8	10/16/09	WG	pH	6.5	SU	CAWA-09-14195
R-25	982	MP2A	891.8	04/01/09	WG	pH	6.82	SU	CAWA-09-5632
R-25	982	MP2A	891.8	06/15/11	WG	Specific Conductance	318	µS/cm	CAWA-11-13989
R-25	982	MP2A	891.8	09/21/10	WG	Specific Conductance	230	µS/cm	CAWA-10-25814
R-25	982	MP2A	891.8	04/06/10	WG	Specific Conductance	258	µS/cm	CAWA-10-15241
R-25	982	MP2A	891.8	10/16/09	WG	Specific Conductance	2660	µS/cm	CAWA-09-14195
R-25	982	MP2A	891.8	04/01/09	WG	Specific Conductance	176	µS/cm	CAWA-09-5632
R-25	982	MP2A	891.8	06/15/11	WG	Temperature	15.15	deg C	CAWA-11-13989
R-25	982	MP2A	891.8	09/21/10	WG	Temperature	13.7	deg C	CAWA-10-25814
R-25	982	MP2A	891.8	04/06/10	WG	Temperature	11.38	deg C	CAWA-10-15241
R-25	982	MP2A	891.8	10/16/09	WG	Temperature	14.6	deg C	CAWA-09-14195
R-25	982	MP2A	891.8	04/01/09	WG	Temperature	10.76	deg C	CAWA-09-5632
R-25	982	MP2A	891.8	06/15/11	WG	Turbidity	68.8	NTU	CAWA-11-13989
R-25	982	MP2A	891.8	09/21/10	WG	Turbidity	107	NTU	CAWA-10-25814
R-25	982	MP2A	891.8	04/06/10	WG	Turbidity	29	NTU	CAWA-10-15241
R-25	982	MP2A	891.8	10/16/09	WG	Turbidity	41.4	NTU	CAWA-09-14195
R-25	982	MP2A	891.8	04/01/09	WG	Turbidity	29.9	NTU	CAWA-09-5632
R-25	1082	MP4A	1192.4	06/15/11	WG	Dissolved Oxygen	6	mg/L	CAWA-11-13986
R-25	1082	MP4A	1192.4	09/21/10	WG	Dissolved Oxygen	6.55	mg/L	CAWA-10-25802
R-25	1082	MP4A	1192.4	04/07/10	WG	Dissolved Oxygen	7.06	mg/L	CAWA-10-15187
R-25	1082	MP4A	1192.4	10/19/09	WG	Dissolved Oxygen	7.03	mg/L	CAWA-09-14157
R-25	1082	MP4A	1192.4	03/31/09	WG	Dissolved Oxygen	8.46	mg/L	CAWA-09-5642
R-25	1082	MP4A	1192.4	06/15/11	WG	pH	7.68	SU	CAWA-11-13986

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	1082	MP4A	1192.4	09/21/10	WG	pH	6.9	SU	CAWA-10-25802
R-25	1082	MP4A	1192.4	04/07/10	WG	pH	7.88	SU	CAWA-10-15187
R-25	1082	MP4A	1192.4	10/19/09	WG	pH	6.65	SU	CAWA-09-14157
R-25	1082	MP4A	1192.4	03/31/09	WG	pH	7.08	SU	CAWA-09-5642
R-25	1082	MP4A	1192.4	06/15/11	WG	Specific Conductance	219	µS/cm	CAWA-11-13986
R-25	1082	MP4A	1192.4	09/21/10	WG	Specific Conductance	207	µS/cm	CAWA-10-25802
R-25	1082	MP4A	1192.4	04/07/10	WG	Specific Conductance	197	µS/cm	CAWA-10-15187
R-25	1082	MP4A	1192.4	10/19/09	WG	Specific Conductance	191	µS/cm	CAWA-09-14157
R-25	1082	MP4A	1192.4	03/31/09	WG	Specific Conductance	141	µS/cm	CAWA-09-5642
R-25	1082	MP4A	1192.4	06/15/11	WG	Temperature	15.25	deg C	CAWA-11-13986
R-25	1082	MP4A	1192.4	09/21/10	WG	Temperature	14.5	deg C	CAWA-10-25802
R-25	1082	MP4A	1192.4	04/07/10	WG	Temperature	11.88	deg C	CAWA-10-15187
R-25	1082	MP4A	1192.4	10/19/09	WG	Temperature	15.65	deg C	CAWA-09-14157
R-25	1082	MP4A	1192.4	03/31/09	WG	Temperature	13.33	deg C	CAWA-09-5642
R-25	1082	MP4A	1192.4	06/15/11	WG	Turbidity	2.78	NTU	CAWA-11-13986
R-25	1082	MP4A	1192.4	09/21/10	WG	Turbidity	1.9	NTU	CAWA-10-25802
R-25	1082	MP4A	1192.4	04/07/10	WG	Turbidity	0.93	NTU	CAWA-10-15187
R-25	1082	MP4A	1192.4	10/19/09	WG	Turbidity	1.39	NTU	CAWA-09-14157
R-25	1082	MP4A	1192.4	03/31/09	WG	Turbidity	1.41	NTU	CAWA-09-5642
R-25	1132	MP5A	1303.4	06/15/11	WG	Dissolved Oxygen	4.64	mg/L	CAWA-11-13995
R-25	1132	MP5A	1303.4	09/23/10	WG	Dissolved Oxygen	3.78	mg/L	CAWA-10-25846
R-25	1132	MP5A	1303.4	04/07/10	WG	Dissolved Oxygen	4.11	mg/L	CAWA-10-15214
R-25	1132	MP5A	1303.4	10/21/09	WG	Dissolved Oxygen	5.41	mg/L	CAWA-09-14178
R-25	1132	MP5A	1303.4	04/07/09	WG	Dissolved Oxygen	3.34	mg/L	CAWA-09-5669
R-25	1132	MP5A	1303.4	06/15/11	WG	pH	8.24	SU	CAWA-11-13995
R-25	1132	MP5A	1303.4	09/23/10	WG	pH	7.51	SU	CAWA-10-25846
R-25	1132	MP5A	1303.4	04/07/10	WG	pH	7.77	SU	CAWA-10-15214
R-25	1132	MP5A	1303.4	10/21/09	WG	pH	7.06	SU	CAWA-09-14178

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	1132	MP5A	1303.4	06/15/11	WG	Specific Conductance	222	µS/cm	CAWA-11-13995
R-25	1132	MP5A	1303.4	09/23/10	WG	Specific Conductance	219	µS/cm	CAWA-10-25846
R-25	1132	MP5A	1303.4	04/07/10	WG	Specific Conductance	212	µS/cm	CAWA-10-15214
R-25	1132	MP5A	1303.4	10/21/09	WG	Specific Conductance	217	µS/cm	CAWA-09-14178
R-25	1132	MP5A	1303.4	06/15/11	WG	Temperature	15.3	deg C	CAWA-11-13995
R-25	1132	MP5A	1303.4	09/23/10	WG	Temperature	14.95	deg C	CAWA-10-25846
R-25	1132	MP5A	1303.4	04/07/10	WG	Temperature	12.37	deg C	CAWA-10-15214
R-25	1132	MP5A	1303.4	10/21/09	WG	Temperature	13.42	deg C	CAWA-09-14178
R-25	1132	MP5A	1303.4	04/07/09	WG	Temperature	15.97	deg C	CAWA-09-5669
R-25	1132	MP5A	1303.4	06/15/11	WG	Turbidity	0.77	NTU	CAWA-11-13995
R-25	1132	MP5A	1303.4	09/23/10	WG	Turbidity	1.11	NTU	CAWA-10-25846
R-25	1132	MP5A	1303.4	04/07/10	WG	Turbidity	1.45	NTU	CAWA-10-15214
R-25	1132	MP5A	1303.4	10/21/09	WG	Turbidity	1.03	NTU	CAWA-09-14178
R-25	1132	MP5A	1303.4	04/07/09	WG	Turbidity	0.74	NTU	CAWA-09-5669
R-25	1182	MP6A	1406.3	06/16/11	WG	Dissolved Oxygen	5.58	mg/L	CAWA-11-14000
R-25	1182	MP6A	1406.3	09/22/10	WG	Dissolved Oxygen	6.32	mg/L	CAWA-10-25851
R-25	1182	MP6A	1406.3	04/08/10	WG	Dissolved Oxygen	4.85	mg/L	CAWA-10-15191
R-25	1182	MP6A	1406.3	10/19/09	WG	Dissolved Oxygen	7.85	mg/L	CAWA-09-14180
R-25	1182	MP6A	1406.3	04/02/09	WG	Dissolved Oxygen	5.28	mg/L	CAWA-09-5645
R-25	1182	MP6A	1406.3	06/16/11	WG	pH	7.85	SU	CAWA-11-14000
R-25	1182	MP6A	1406.3	09/22/10	WG	pH	7.88	SU	CAWA-10-25851
R-25	1182	MP6A	1406.3	04/08/10	WG	pH	7.73	SU	CAWA-10-15191
R-25	1182	MP6A	1406.3	10/19/09	WG	pH	7.52	SU	CAWA-09-14180
R-25	1182	MP6A	1406.3	04/02/09	WG	pH	7.84	SU	CAWA-09-5645
R-25	1182	MP6A	1406.3	06/16/11	WG	Specific Conductance	152	µS/cm	CAWA-11-14000
R-25	1182	MP6A	1406.3	09/22/10	WG	Specific Conductance	154	µS/cm	CAWA-10-25851
R-25	1182	MP6A	1406.3	04/08/10	WG	Specific Conductance	128	µS/cm	CAWA-10-15191
R-25	1182	MP6A	1406.3	10/19/09	WG	Specific Conductance	140	µS/cm	CAWA-09-14180

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	1182	MP6A	1406.3	04/02/09	WG	Specific Conductance	133	µS/cm	CAWA-09-5645
R-25	1182	MP6A	1406.3	06/16/11	WG	Temperature	15.79	deg C	CAWA-11-14000
R-25	1182	MP6A	1406.3	09/22/10	WG	Temperature	15.79	deg C	CAWA-10-25851
R-25	1182	MP6A	1406.3	04/08/10	WG	Temperature	13.6	deg C	CAWA-10-15191
R-25	1182	MP6A	1406.3	10/19/09	WG	Temperature	14.96	deg C	CAWA-09-14180
R-25	1182	MP6A	1406.3	04/02/09	WG	Temperature	14.61	deg C	CAWA-09-5645
R-25	1182	MP6A	1406.3	06/16/11	WG	Turbidity	0.48	NTU	CAWA-11-14000
R-25	1182	MP6A	1406.3	09/22/10	WG	Turbidity	3.13	NTU	CAWA-10-25851
R-25	1182	MP6A	1406.3	04/08/10	WG	Turbidity	1.38	NTU	CAWA-10-15191
R-25	1182	MP6A	1406.3	10/19/09	WG	Turbidity	2.93	NTU	CAWA-09-14180
R-25	1182	MP6A	1406.3	04/02/09	WG	Turbidity	3.7	NTU	CAWA-09-5645
R-25	1232	MP7A	1606	06/16/11	WG	Dissolved Oxygen	7.07	mg/L	CAWA-11-14004
R-25	1232	MP7A	1606	09/23/10	WG	Dissolved Oxygen	7.89	mg/L	CAWA-10-25865
R-25	1232	MP7A	1606	04/08/10	WG	Dissolved Oxygen	10.55	mg/L	CAWA-10-15196
R-25	1232	MP7A	1606	10/20/09	WG	Dissolved Oxygen	9.72	mg/L	CAWA-09-14186
R-25	1232	MP7A	1606	04/02/09	WG	Dissolved Oxygen	5.68	mg/L	CAWA-09-5650
R-25	1232	MP7A	1606	06/16/11	WG	pH	7.94	SU	CAWA-11-14004
R-25	1232	MP7A	1606	09/23/10	WG	pH	7.81	SU	CAWA-10-25865
R-25	1232	MP7A	1606	04/08/10	WG	pH	7.61	SU	CAWA-10-15196
R-25	1232	MP7A	1606	10/20/09	WG	pH	7.37	SU	CAWA-09-14186
R-25	1232	MP7A	1606	06/16/11	WG	Specific Conductance	106	µS/cm	CAWA-11-14004
R-25	1232	MP7A	1606	09/23/10	WG	Specific Conductance	119	µS/cm	CAWA-10-25865
R-25	1232	MP7A	1606	04/08/10	WG	Specific Conductance	101	µS/cm	CAWA-10-15196
R-25	1232	MP7A	1606	10/20/09	WG	Specific Conductance	117	µS/cm	CAWA-09-14186
R-25	1232	MP7A	1606	06/16/11	WG	Temperature	16.73	deg C	CAWA-11-14004
R-25	1232	MP7A	1606	09/23/10	WG	Temperature	15.5	deg C	CAWA-10-25865
R-25	1232	MP7A	1606	04/08/10	WG	Temperature	13.9	deg C	CAWA-10-15196
R-25	1232	MP7A	1606	10/20/09	WG	Temperature	12.23	deg C	CAWA-09-14186

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	1232	MP7A	1606	04/02/09	WG	Temperature	15.23	deg C	CAWA-09-5650
R-25	1232	MP7A	1606	06/16/11	WG	Turbidity	0.68	NTU	CAWA-11-14004
R-25	1232	MP7A	1606	09/23/10	WG	Turbidity	0.59	NTU	CAWA-10-25865
R-25	1232	MP7A	1606	04/08/10	WG	Turbidity	1.06	NTU	CAWA-10-15196
R-25	1232	MP7A	1606	10/20/09	WG	Turbidity	1.36	NTU	CAWA-09-14186
R-25	1232	MP7A	1606	04/02/09	WG	Turbidity	0.84	NTU	CAWA-09-5650
R-25	1282	MP8A	1796	06/17/11	WG	Dissolved Oxygen	6.69	mg/L	CAWA-11-14007
R-25	1282	MP8A	1796	09/24/10	WG	Dissolved Oxygen	8.65	mg/L	CAWA-10-25885
R-25	1282	MP8A	1796	04/09/10	WG	Dissolved Oxygen	11.24	mg/L	CAWA-10-15198
R-25	1282	MP8A	1796	10/20/09	WG	Dissolved Oxygen	5.35	mg/L	CAWA-09-14191
R-25	1282	MP8A	1796	04/01/09	WG	Dissolved Oxygen	7.02	mg/L	CAWA-09-5656
R-25	1282	MP8A	1796	06/17/11	WG	pH	8.05	SU	CAWA-11-14007
R-25	1282	MP8A	1796	09/24/10	WG	pH	8.28	SU	CAWA-10-25885
R-25	1282	MP8A	1796	04/09/10	WG	pH	7.83	SU	CAWA-10-15198
R-25	1282	MP8A	1796	10/20/09	WG	pH	7.96	SU	CAWA-09-14191
R-25	1282	MP8A	1796	04/01/09	WG	pH	7.9	SU	CAWA-09-5656
R-25	1282	MP8A	1796	06/17/11	WG	Specific Conductance	127	µS/cm	CAWA-11-14007
R-25	1282	MP8A	1796	09/24/10	WG	Specific Conductance	120	µS/cm	CAWA-10-25885
R-25	1282	MP8A	1796	04/09/10	WG	Specific Conductance	121	µS/cm	CAWA-10-15198
R-25	1282	MP8A	1796	10/20/09	WG	Specific Conductance	130	µS/cm	CAWA-09-14191
R-25	1282	MP8A	1796	04/01/09	WG	Specific Conductance	86	µS/cm	CAWA-09-5656
R-25	1282	MP8A	1796	06/17/11	WG	Temperature	15.27	deg C	CAWA-11-14007
R-25	1282	MP8A	1796	09/24/10	WG	Temperature	14.32	deg C	CAWA-10-25885
R-25	1282	MP8A	1796	04/09/10	WG	Temperature	15.44	deg C	CAWA-10-15198
R-25	1282	MP8A	1796	10/20/09	WG	Temperature	17.52	deg C	CAWA-09-14191
R-25	1282	MP8A	1796	04/01/09	WG	Temperature	12.03	deg C	CAWA-09-5656
R-25	1282	MP8A	1796	06/17/11	WG	Turbidity	1.1	NTU	CAWA-11-14007
R-25	1282	MP8A	1796	09/24/10	WG	Turbidity	1.48	NTU	CAWA-10-25885

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25	1282	MP8A	1796	04/09/10	WG	Turbidity	1.71	NTU	CAWA-10-15198
R-25	1282	MP8A	1796	10/20/09	WG	Turbidity	1.81	NTU	CAWA-09-14191
R-25	1282	MP8A	1796	04/01/09	WG	Turbidity	4.9	NTU	CAWA-09-5656
R-26	1421	MP1A	659.3	06/01/11	WG	Dissolved Oxygen	7.03	mg/L	CAWA-11-7011
R-26	1421	MP1A	659.3	06/01/11	WG	Dissolved Oxygen	7.2	mg/L	CAWA-11-6953
R-26	1421	MP1A	659.3	06/01/11	WG	Dissolved Oxygen	7.32	mg/L	CAWA-11-6897
R-26	1421	MP1A	659.3	08/13/10	WG	Dissolved Oxygen	5.88	mg/L	CAWA-10-24737
R-26	1421	MP1A	659.3	04/02/10	WG	Dissolved Oxygen	7.18	mg/L	CAWA-10-15144
R-26	1421	MP1A	659.3	10/19/09	WG	Dissolved Oxygen	6.97	mg/L	CAWA-09-14134
R-26	1421	MP1A	659.3	04/02/09	WG	Dissolved Oxygen	5.03	mg/L	CAWA-09-5610
R-26	1421	MP1A	659.3	06/01/11	WG	Oxidation Reduction Potential	212.2	mV	CAWA-11-7011
R-26	1421	MP1A	659.3	06/01/11	WG	Oxidation Reduction Potential	204.3	mV	CAWA-11-6953
R-26	1421	MP1A	659.3	06/01/11	WG	Oxidation Reduction Potential	192.6	mV	CAWA-11-6897
R-26	1421	MP1A	659.3	07/27/05	WG	Oxidation Reduction Potential	172.7	mV	FU0507G26R101
R-26	1421	MP1A	659.3	06/01/11	WG	pH	8.01	SU	CAWA-11-7011
R-26	1421	MP1A	659.3	06/01/11	WG	pH	8.02	SU	CAWA-11-6953
R-26	1421	MP1A	659.3	06/01/11	WG	pH	8.03	SU	CAWA-11-6897
R-26	1421	MP1A	659.3	08/13/10	WG	pH	8.13	SU	CAWA-10-24737
R-26	1421	MP1A	659.3	04/02/10	WG	pH	7.2	SU	CAWA-10-15144
R-26	1421	MP1A	659.3	10/19/09	WG	pH	7.83	SU	CAWA-09-14134
R-26	1421	MP1A	659.3	06/01/11	WG	Specific Conductance	94	µS/cm	CAWA-11-7011
R-26	1421	MP1A	659.3	06/01/11	WG	Specific Conductance	96	µS/cm	CAWA-11-6953
R-26	1421	MP1A	659.3	06/01/11	WG	Specific Conductance	98	µS/cm	CAWA-11-6897
R-26	1421	MP1A	659.3	08/13/10	WG	Specific Conductance	98	µS/cm	CAWA-10-24737
R-26	1421	MP1A	659.3	04/02/10	WG	Specific Conductance	98	µS/cm	CAWA-10-15144
R-26	1421	MP1A	659.3	10/19/09	WG	Specific Conductance	94	µS/cm	CAWA-09-14134
R-26	1421	MP1A	659.3	06/01/11	WG	Temperature	21.92	deg C	CAWA-11-7011
R-26	1421	MP1A	659.3	06/01/11	WG	Temperature	22.61	deg C	CAWA-11-6953

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26	1421	MP1A	659.3	06/01/11	WG	Temperature	23.41	deg C	CAWA-11-6897
R-26	1421	MP1A	659.3	08/13/10	WG	Temperature	19.77	deg C	CAWA-10-24737
R-26	1421	MP1A	659.3	04/02/10	WG	Temperature	10.6	deg C	CAWA-10-15144
R-26	1421	MP1A	659.3	10/19/09	WG	Temperature	18.89	deg C	CAWA-09-14134
R-26	1421	MP1A	659.3	04/02/09	WG	Temperature	15.2	deg C	CAWA-09-5610
R-26	1421	MP1A	659.3	06/01/11	WG	Turbidity	2.1	NTU	CAWA-11-7011
R-26	1421	MP1A	659.3	06/01/11	WG	Turbidity	2.1	NTU	CAWA-11-6953
R-26	1421	MP1A	659.3	06/01/11	WG	Turbidity	2.3	NTU	CAWA-11-6897
R-26	1421	MP1A	659.3	08/13/10	WG	Turbidity	0.54	NTU	CAWA-10-24737
R-26	1421	MP1A	659.3	04/02/10	WG	Turbidity	1.02	NTU	CAWA-10-15144
R-26	1421	MP1A	659.3	10/19/09	WG	Turbidity	0.6	NTU	CAWA-09-14134
R-26	1421	MP1A	659.3	04/02/09	WG	Turbidity	1.19	NTU	CAWA-09-5610
R-27i	8911	Single	619	06/20/11	WG	Dissolved Oxygen	8.1	mg/L	CAWA-11-14635
R-27i	8911	Single	619	06/20/11	WG	Dissolved Oxygen	8.1	mg/L	CAWA-11-13980
R-27i	8911	Single	619	06/20/11	WG	Dissolved Oxygen	8.12	mg/L	CAWA-11-14633
R-27i	8911	Single	619	06/20/11	WG	Dissolved Oxygen	8.08	mg/L	CAWA-11-14631
R-27i	8911	Single	619	04/04/11	WG	Dissolved Oxygen	8.09	mg/L	CAWA-11-5320
R-27i	8911	Single	619	12/01/10	WG	Dissolved Oxygen	7.65	mg/L	CAWA-11-2116
R-27i	8911	Single	619	09/20/10	WG	Dissolved Oxygen	8.35	mg/L	CAWA-10-25906
R-27i	8911	Single	619	04/15/10	WG	Dissolved Oxygen	7.12	mg/L	CAWA-10-15169
R-27i	8911	Single	619	06/20/11	WG	Oxidation Reduction Potential	-74.2	mV	CAWA-11-13980
R-27i	8911	Single	619	06/20/11	WG	Oxidation Reduction Potential	-74.2	mV	CAWA-11-14635
R-27i	8911	Single	619	06/20/11	WG	Oxidation Reduction Potential	-73	mV	CAWA-11-14633
R-27i	8911	Single	619	06/20/11	WG	Oxidation Reduction Potential	-70.7	mV	CAWA-11-14631
R-27i	8911	Single	619	04/04/11	WG	Oxidation Reduction Potential	210.1	mV	CAWA-11-5320
R-27i	8911	Single	619	12/01/10	WG	Oxidation Reduction Potential	265.6	mV	CAWA-11-2116
R-27i	8911	Single	619	09/20/10	WG	Oxidation Reduction Potential	196.4	mV	CAWA-10-25906
R-27i	8911	Single	619	04/15/10	WG	Oxidation Reduction Potential	114.6	mV	CAWA-10-15169

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-27i	8911	Single	619	06/20/11	WG	pH	7.1	SU	CAWA-11-13980
R-27i	8911	Single	619	06/20/11	WG	pH	7.1	SU	CAWA-11-14635
R-27i	8911	Single	619	06/20/11	WG	pH	7.08	SU	CAWA-11-14633
R-27i	8911	Single	619	06/20/11	WG	pH	7.03	SU	CAWA-11-14631
R-27i	8911	Single	619	04/04/11	WG	pH	7.07	SU	CAWA-11-5320
R-27i	8911	Single	619	12/01/10	WG	pH	6.76	SU	CAWA-11-2116
R-27i	8911	Single	619	09/20/10	WG	pH	6.36	SU	CAWA-10-25906
R-27i	8911	Single	619	04/15/10	WG	pH	6.65	SU	CAWA-10-15169
R-27i	8911	Single	619	06/20/11	WG	Specific Conductance	105	µS/cm	CAWA-11-13980
R-27i	8911	Single	619	06/20/11	WG	Specific Conductance	105	µS/cm	CAWA-11-14635
R-27i	8911	Single	619	06/20/11	WG	Specific Conductance	105	µS/cm	CAWA-11-14633
R-27i	8911	Single	619	06/20/11	WG	Specific Conductance	104	µS/cm	CAWA-11-14631
R-27i	8911	Single	619	04/04/11	WG	Specific Conductance	102	µS/cm	CAWA-11-5320
R-27i	8911	Single	619	12/01/10	WG	Specific Conductance	104	µS/cm	CAWA-11-2116
R-27i	8911	Single	619	09/20/10	WG	Specific Conductance	116	µS/cm	CAWA-10-25906
R-27i	8911	Single	619	04/15/10	WG	Specific Conductance	94	µS/cm	CAWA-10-15169
R-27i	8911	Single	619	06/20/11	WG	Temperature	13.98	deg C	CAWA-11-14635
R-27i	8911	Single	619	06/20/11	WG	Temperature	13.98	deg C	CAWA-11-13980
R-27i	8911	Single	619	06/20/11	WG	Temperature	13.74	deg C	CAWA-11-14633
R-27i	8911	Single	619	06/20/11	WG	Temperature	13.26	deg C	CAWA-11-14631
R-27i	8911	Single	619	04/04/11	WG	Temperature	13.1	deg C	CAWA-11-5320
R-27i	8911	Single	619	12/01/10	WG	Temperature	12.9	deg C	CAWA-11-2116
R-27i	8911	Single	619	09/20/10	WG	Temperature	14.41	deg C	CAWA-10-25906
R-27i	8911	Single	619	04/15/10	WG	Temperature	14.66	deg C	CAWA-10-15169
R-27i	8911	Single	619	06/20/11	WG	Turbidity	0.48	NTU	CAWA-11-13980
R-27i	8911	Single	619	06/20/11	WG	Turbidity	0.48	NTU	CAWA-11-14635
R-27i	8911	Single	619	06/20/11	WG	Turbidity	0.4	NTU	CAWA-11-14633
R-27i	8911	Single	619	06/20/11	WG	Turbidity	0.5	NTU	CAWA-11-14631

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-27i	8911	Single	619	04/04/11	WG	Turbidity	0.41	NTU	CAWA-11-5320
R-27i	8911	Single	619	12/01/10	WG	Turbidity	0.48	NTU	CAWA-11-2116
R-27i	8911	Single	619	09/20/10	WG	Turbidity	0.6	NTU	CAWA-10-25906
R-27i	8911	Single	619	04/15/10	WG	Turbidity	1.33	NTU	CAWA-10-15169
R-47i	8921	Single	840	06/21/11	WG	Dissolved Oxygen	5.77	mg/L	CAWA-11-14641
R-47i	8921	Single	840	06/21/11	WG	Dissolved Oxygen	5.77	mg/L	CAWA-11-13973
R-47i	8921	Single	840	06/21/11	WG	Dissolved Oxygen	5.75	mg/L	CAWA-11-14639
R-47i	8921	Single	840	06/21/11	WG	Dissolved Oxygen	7.01	mg/L	CAWA-11-14638
R-47i	8921	Single	840	04/07/11	WG	Dissolved Oxygen	5.92	mg/L	CAWA-11-5375
R-47i	8921	Single	840	12/02/10	WG	Dissolved Oxygen	4.92	mg/L	CAWA-11-2122
R-47i	8921	Single	840	09/23/10	WG	Dissolved Oxygen	4.98	mg/L	CAWA-10-25908
R-47i	8921	Single	840	09/23/10	WG	Dissolved Oxygen	4.98	mg/L	CAWA-10-26683
R-47i	8921	Single	840	09/23/10	WG	Dissolved Oxygen	4.63	mg/L	CAWA-10-26680
R-47i	8921	Single	840	06/21/11	WG	Oxidation Reduction Potential	86	mV	CAWA-11-14641
R-47i	8921	Single	840	06/21/11	WG	Oxidation Reduction Potential	86	mV	CAWA-11-13973
R-47i	8921	Single	840	06/21/11	WG	Oxidation Reduction Potential	94.2	mV	CAWA-11-14639
R-47i	8921	Single	840	06/21/11	WG	Oxidation Reduction Potential	102.4	mV	CAWA-11-14638
R-47i	8921	Single	840	04/07/11	WG	Oxidation Reduction Potential	114.3	mV	CAWA-11-5375
R-47i	8921	Single	840	12/02/10	WG	Oxidation Reduction Potential	295.4	mV	CAWA-11-2122
R-47i	8921	Single	840	09/23/10	WG	Oxidation Reduction Potential	267.4	mV	CAWA-10-25908
R-47i	8921	Single	840	09/23/10	WG	Oxidation Reduction Potential	267.4	mV	CAWA-10-26683
R-47i	8921	Single	840	09/23/10	WG	Oxidation Reduction Potential	225.6	mV	CAWA-10-26680
R-47i	8921	Single	840	06/21/11	WG	pH	7.28	SU	CAWA-11-14641
R-47i	8921	Single	840	06/21/11	WG	pH	7.28	SU	CAWA-11-13973
R-47i	8921	Single	840	06/21/11	WG	pH	7.34	SU	CAWA-11-14639
R-47i	8921	Single	840	06/21/11	WG	pH	7.33	SU	CAWA-11-14638
R-47i	8921	Single	840	04/07/11	WG	pH	7.24	SU	CAWA-11-5375
R-47i	8921	Single	840	12/02/10	WG	pH	7.06	SU	CAWA-11-2122

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-47i	8921	Single	840	09/23/10	WG	pH	6.91	SU	CAWA-10-26683
R-47i	8921	Single	840	09/23/10	WG	pH	6.91	SU	CAWA-10-25908
R-47i	8921	Single	840	09/23/10	WG	pH	6.86	SU	CAWA-10-26680
R-47i	8921	Single	840	06/21/11	WG	Specific Conductance	120	µS/cm	CAWA-11-13973
R-47i	8921	Single	840	06/21/11	WG	Specific Conductance	120	µS/cm	CAWA-11-14641
R-47i	8921	Single	840	06/21/11	WG	Specific Conductance	125	µS/cm	CAWA-11-14639
R-47i	8921	Single	840	06/21/11	WG	Specific Conductance	116	µS/cm	CAWA-11-14638
R-47i	8921	Single	840	04/07/11	WG	Specific Conductance	116	µS/cm	CAWA-11-5375
R-47i	8921	Single	840	12/02/10	WG	Specific Conductance	152	µS/cm	CAWA-11-2122
R-47i	8921	Single	840	09/23/10	WG	Specific Conductance	154	µS/cm	CAWA-10-26683
R-47i	8921	Single	840	09/23/10	WG	Specific Conductance	154	µS/cm	CAWA-10-25908
R-47i	8921	Single	840	09/23/10	WG	Specific Conductance	161	µS/cm	CAWA-10-26680
R-47i	8921	Single	840	06/21/11	WG	Temperature	15.57	deg C	CAWA-11-13973
R-47i	8921	Single	840	06/21/11	WG	Temperature	15.87	deg C	CAWA-11-14641
R-47i	8921	Single	840	06/21/11	WG	Temperature	15.57	deg C	CAWA-11-14639
R-47i	8921	Single	840	06/21/11	WG	Temperature	14.65	deg C	CAWA-11-14638
R-47i	8921	Single	840	04/07/11	WG	Temperature	14.42	deg C	CAWA-11-5375
R-47i	8921	Single	840	12/02/10	WG	Temperature	13.24	deg C	CAWA-11-2122
R-47i	8921	Single	840	09/23/10	WG	Temperature	15.74	deg C	CAWA-10-26683
R-47i	8921	Single	840	09/23/10	WG	Temperature	15.74	deg C	CAWA-10-25908
R-47i	8921	Single	840	09/23/10	WG	Temperature	15.96	deg C	CAWA-10-26680
R-47i	8921	Single	840	06/21/11	WG	Turbidity	1.08	NTU	CAWA-11-13973
R-47i	8921	Single	840	06/21/11	WG	Turbidity	1.08	NTU	CAWA-11-14641
R-47i	8921	Single	840	06/21/11	WG	Turbidity	1.21	NTU	CAWA-11-14639
R-47i	8921	Single	840	06/21/11	WG	Turbidity	1.08	NTU	CAWA-11-14638
R-47i	8921	Single	840	04/07/11	WG	Turbidity	1.52	NTU	CAWA-11-5375
R-47i	8921	Single	840	12/02/10	WG	Turbidity	3.01	NTU	CAWA-11-2122
R-47i	8921	Single	840	09/23/10	WG	Turbidity	1.91	NTU	CAWA-10-25908

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-47i	8921	Single	840	09/23/10	WG	Turbidity	1.91	NTU	CAWA-10-26683
R-47i	8921	Single	840	09/23/10	WG	Turbidity	1.87	NTU	CAWA-10-26680
R-48	8881	Single	1500	06/22/11	WG	Dissolved Oxygen	6.64	mg/L	CAWA-11-14011
R-48	8881	Single	1500	06/22/11	WG	Dissolved Oxygen	6.48	mg/L	CAWA-11-14644
R-48	8881	Single	1500	06/22/11	WG	Dissolved Oxygen	7.63	mg/L	CAWA-11-14813
R-48	8881	Single	1500	06/22/11	WG	Dissolved Oxygen	7.02	mg/L	CAWA-11-14811
R-48	8881	Single	1500	06/22/11	WG	Dissolved Oxygen	6.36	mg/L	CAWA-11-14808
R-48	8881	Single	1500	03/28/11	WG	Dissolved Oxygen	6.86	mg/L	CAWA-11-5380
R-48	8881	Single	1500	01/06/11	WG	Dissolved Oxygen	6.06	mg/L	CAWA-11-3192
R-48	8881	Single	1500	12/02/10	WG	Dissolved Oxygen	4.73	mg/L	CAWA-11-2134
R-48	8881	Single	1500	09/22/10	WG	Dissolved Oxygen	6.08	mg/L	CAWA-10-25893
R-48	8881	Single	1500	06/22/11	WG	Oxidation Reduction Potential	245.8	mV	CAWA-11-14011
R-48	8881	Single	1500	06/22/11	WG	Oxidation Reduction Potential	244.5	mV	CAWA-11-14644
R-48	8881	Single	1500	06/22/11	WG	Oxidation Reduction Potential	255	mV	CAWA-11-14813
R-48	8881	Single	1500	06/22/11	WG	Oxidation Reduction Potential	250.4	mV	CAWA-11-14811
R-48	8881	Single	1500	06/22/11	WG	Oxidation Reduction Potential	229.6	mV	CAWA-11-14808
R-48	8881	Single	1500	03/28/11	WG	Oxidation Reduction Potential	27.4	mV	CAWA-11-5380
R-48	8881	Single	1500	01/06/11	WG	Oxidation Reduction Potential	-5.5	mV	CAWA-11-3192
R-48	8881	Single	1500	12/02/10	WG	Oxidation Reduction Potential	8.5	mV	CAWA-11-2134
R-48	8881	Single	1500	09/22/10	WG	Oxidation Reduction Potential	57.9	mV	CAWA-10-25893
R-48	8881	Single	1500	06/22/11	WG	pH	8.12	SU	CAWA-11-14011
R-48	8881	Single	1500	06/22/11	WG	pH	8.09	SU	CAWA-11-14644
R-48	8881	Single	1500	06/22/11	WG	pH	8.14	SU	CAWA-11-14813
R-48	8881	Single	1500	06/22/11	WG	pH	8.07	SU	CAWA-11-14811
R-48	8881	Single	1500	06/22/11	WG	pH	7.82	SU	CAWA-11-14808
R-48	8881	Single	1500	03/28/11	WG	pH	8.01	SU	CAWA-11-5380
R-48	8881	Single	1500	01/06/11	WG	pH	7.93	SU	CAWA-11-3192
R-48	8881	Single	1500	06/22/11	WG	Specific Conductance	122	µS/cm	CAWA-11-14011

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-48	8881	Single	1500	06/22/11	WG	Specific Conductance	119	µS/cm	CAWA-11-14644
R-48	8881	Single	1500	06/22/11	WG	Specific Conductance	94	µS/cm	CAWA-11-14813
R-48	8881	Single	1500	06/22/11	WG	Specific Conductance	106	µS/cm	CAWA-11-14811
R-48	8881	Single	1500	06/22/11	WG	Specific Conductance	100	µS/cm	CAWA-11-14808
R-48	8881	Single	1500	03/28/11	WG	Specific Conductance	122	µS/cm	CAWA-11-5380
R-48	8881	Single	1500	01/06/11	WG	Specific Conductance	136	µS/cm	CAWA-11-3192
R-48	8881	Single	1500	06/22/11	WG	Temperature	21.44	deg C	CAWA-11-14011
R-48	8881	Single	1500	06/22/11	WG	Temperature	21.35	deg C	CAWA-11-14644
R-48	8881	Single	1500	06/22/11	WG	Temperature	21.32	deg C	CAWA-11-14813
R-48	8881	Single	1500	06/22/11	WG	Temperature	21.14	deg C	CAWA-11-14811
R-48	8881	Single	1500	06/22/11	WG	Temperature	20.56	deg C	CAWA-11-14808
R-48	8881	Single	1500	03/28/11	WG	Temperature	20.86	deg C	CAWA-11-5380
R-48	8881	Single	1500	01/06/11	WG	Temperature	20.03	deg C	CAWA-11-3192
R-48	8881	Single	1500	12/02/10	WG	Temperature	19.93	deg C	CAWA-11-2134
R-48	8881	Single	1500	09/22/10	WG	Temperature	20.07	deg C	CAWA-10-25893
R-48	8881	Single	1500	06/22/11	WG	Turbidity	2.38	NTU	CAWA-11-14011
R-48	8881	Single	1500	06/22/11	WG	Turbidity	3.01	NTU	CAWA-11-14644
R-48	8881	Single	1500	06/22/11	WG	Turbidity	4.35	NTU	CAWA-11-14813
R-48	8881	Single	1500	06/22/11	WG	Turbidity	4.19	NTU	CAWA-11-14811
R-48	8881	Single	1500	06/22/11	WG	Turbidity	4.45	NTU	CAWA-11-14808
R-48	8881	Single	1500	03/28/11	WG	Turbidity	5.15	NTU	CAWA-11-5380
R-48	8881	Single	1500	01/06/11	WG	Turbidity	7.5	NTU	CAWA-11-3192
R-48	8881	Single	1500	12/02/10	WG	Turbidity	4.88	NTU	CAWA-11-2134
R-48	8881	Single	1500	09/22/10	WG	Turbidity	2.97	NTU	CAWA-10-25893
R-63	9471	Single	1325	06/22/11	WG	Dissolved Oxygen	6.53	mg/L	CAWA-11-14624
R-63	9471	Single	1325	06/22/11	WG	Dissolved Oxygen	6.53	mg/L	CAWA-11-14629
R-63	9471	Single	1325	06/22/11	WG	Dissolved Oxygen	6.5	mg/L	CAWA-11-14626
R-63	9471	Single	1325	06/22/11	WG	Dissolved Oxygen	6.53	mg/L	CAWA-11-14625

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-63	9471	Single	1325	04/12/11	WG	Dissolved Oxygen	6.19	mg/L	CAWA-11-4911
R-63	9471	Single	1325	06/22/11	WG	Oxidation Reduction Potential	132.9	mV	CAWA-11-14629
R-63	9471	Single	1325	06/22/11	WG	Oxidation Reduction Potential	132.9	mV	CAWA-11-14624
R-63	9471	Single	1325	06/22/11	WG	Oxidation Reduction Potential	136.2	mV	CAWA-11-14626
R-63	9471	Single	1325	06/22/11	WG	Oxidation Reduction Potential	142.3	mV	CAWA-11-14625
R-63	9471	Single	1325	04/12/11	WG	Oxidation Reduction Potential	254.6	mV	CAWA-11-4911
R-63	9471	Single	1325	06/22/11	WG	pH	7.5	SU	CAWA-11-14629
R-63	9471	Single	1325	06/22/11	WG	pH	7.5	SU	CAWA-11-14624
R-63	9471	Single	1325	06/22/11	WG	pH	7.51	SU	CAWA-11-14626
R-63	9471	Single	1325	06/22/11	WG	pH	7.5	SU	CAWA-11-14625
R-63	9471	Single	1325	04/12/11	WG	pH	7.5	SU	CAWA-11-4911
R-63	9471	Single	1325	06/22/11	WG	Specific Conductance	106	µS/cm	CAWA-11-14624
R-63	9471	Single	1325	06/22/11	WG	Specific Conductance	106	µS/cm	CAWA-11-14629
R-63	9471	Single	1325	06/22/11	WG	Specific Conductance	106	µS/cm	CAWA-11-14626
R-63	9471	Single	1325	06/22/11	WG	Specific Conductance	106	µS/cm	CAWA-11-14625
R-63	9471	Single	1325	04/12/11	WG	Specific Conductance	103	µS/cm	CAWA-11-4911
R-63	9471	Single	1325	06/22/11	WG	Temperature	14.59	deg C	CAWA-11-14629
R-63	9471	Single	1325	06/22/11	WG	Temperature	14.59	deg C	CAWA-11-14624
R-63	9471	Single	1325	06/22/11	WG	Temperature	14.56	deg C	CAWA-11-14626
R-63	9471	Single	1325	06/22/11	WG	Temperature	14.19	deg C	CAWA-11-14625
R-63	9471	Single	1325	04/12/11	WG	Temperature	14.23	deg C	CAWA-11-4911
R-63	9471	Single	1325	06/22/11	WG	Turbidity	3.04	NTU	CAWA-11-14624

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-63	9471	Single	1325	06/22/11	WG	Turbidity	3.04	NTU	CAWA-11-14629
R-63	9471	Single	1325	06/22/11	WG	Turbidity	6.33	NTU	CAWA-11-14626
R-63	9471	Single	1325	06/22/11	WG	Turbidity	2.26	NTU	CAWA-11-14625
R-63	9471	Single	1325	04/12/11	WG	Turbidity	5.73	NTU	CAWA-11-4911

[a] WG = Groundwater.

[b] SU = Standard unit.

[c] NTU = Nephelometric turbidity unit.

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

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
%D	percent difference
%R	percent recovery
<	Based on qualifiers, the result was a nondetection.
—	none
BHC	benzene hexachloride
CB	chlorobiphenyl
CCV	continuing calibration verification
CLP	Control Laboratory Program
CRDL	contract-required detection limit
DCG	Derived Concentration Guide (DOE)
DNX	dinitroso-RDX (or hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
GC	gas chromotography
GFAA	graphite furnace atomic absorption
GFPC	gas-flow proportional counter
GW	groundwater
HH OO	Human Health—Organism Only (NMWQCC standard)
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HPLC	high-pressure liquid chromatography
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification
IDL	instrument detection limit
LAL	lower acceptance limit
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitroso-RDX (or hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)
MS	matrix spike
MSD	matrix spike duplicate

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Miscellaneous (continued)	
NM	NMWQCC
NMED	New Mexico Environmental Department
NMWQCC	New Mexico Water Quality Control Commission
PCB	polychlorinated biphenyl
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RF	response factor
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
Scr	screening
SSC	suspended sediment concentration
SU	standard unit
TDS	total dissolved solids
TNX	trinitroso-RDX (or hexahydro-1,3,5-trinitroso-1,3,5-triazine)
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank
FTR	field triplicate
INB	Equipment blank taken during installation and not associated with a sampling event.
ITB	trip blank taken during installation and not associated with a sampling event.

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
NA	not applicable
PEB	performance evaluation blank
PEK	performance evaluation known
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
ANION	anions
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
GAMMA, GAMMA_SPEC	gamma spectroscopy
Geninorg, GENINORG	general inorganics
GRO	gasoline range organics
GROSSA	gross alpha
GROSSB	gross beta
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
METALS, Metals	metals
PCB	polychlorinated biphenyls
PCB_CONG, PCB Cong	PCB congeners
PEST	pesticides
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry
SVOA	semivolatile organics
SVOC	semivolatile organic compounds
VOA	volatile organics
VOC	volatile organic compounds
Lab Sample Type Codes	
CS	client sample
DL	dilution
DUP	duplicate
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services–Primary
CFA	Cape Fear Analytical, LLC, Wilmington, NC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field
GEL	General Engineering Laboratories, Inc.
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEO	Geochron Laboratories, Boston, MA
HENV	Health and Environmental Laboratory (Johnson Controls, Northern New Mexico)
HUFFMAN	Huffman Laboratories, Inc., Golden, CO
KA	KEMRON Environmental Services, Inc., Vienna, VA
LVLI	Lionville Laboratory, Inc., Philadelphia, PA
PARA	Paragon Analytics, Inc., Salt Lake City, UT
PEC	Pacific Ecorisk Laboratories, Fairfield, CA
QESL	Quanterra Environmental Services, St. Louis, MO
QST	QST Environmental, Newberry, FL
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Roy F. Weston, Inc., West Chester, PA
SGSW	Paradigm Analytical Laboratories, Inc., Wilmington, NC
SILENS	Stable Isotope Laboratory, Woods Hole, MA
STL2, STR	Severn Trent Laboratories, Inc., Richland, WA, (historical)
STLA	Severn Trent Laboratories, Inc., Los Angeles, CA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SwRI	Southwest Research Institute, San Antonio, TX
UAZ	University of Arizona, Tucson
UIL	University of Illinois, Urbana-Champaign
UMTL	University of Miami Tritium Lab

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

Code	Description
H	(Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic)—The result for this analyte in the laboratory control sample analysis was outside acceptance criteria.
HJ	See H code and see J code.
HJ*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
INS	(d15N)—The d15N of nitrate is a signature of the nitrate present in a sample. Therefore, nitrate has to be present to have a signature. A d15N value cannot be given to a blank because the blank does not have nitrate. This is different from most analytical methods, where a blank is run with the designator “nondetect” or “detected, but below detection limit.”
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
J*	See J code and see * code.
JB	See J code and see B code
JN	See J code and see N code.
JN*	See J code, see N code, and see * code.
JP	See J code and see P code.
N	(Inorganic)—Spiked sample recovery was not within control limits.
N*	See N code and see * code.
N*E	See N code, see * code, and see E code.
NE	See N code and see E code.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
PJ	See P code and see J code.
U	The material was analyzed for but was not detected above the level of the associated numeric value.
U*	See U code and see * code.
UD	See U code and see D code.
UE	See U code and see E code.
UE*	See U code, see E code, and see * code.
UEN	See U code, see E code, and see N code.

Analytical Laboratory Qualifier Codes (continued)

Code	Description
UH	See U code and see H code.
UH*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
UI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification.
UN	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery was not within control limits.
UN*	EPA flag (Inorganic)—See U code, see N code, and see * code.
UUI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification, and the analytical lab assigned these gamma spectroscopy results as not detected.
X	The analytical laboratory suspects the result is a nondetect despite positive quantification results.

Secondary Validation Flag Codes

Code	Description
A	The contractually required supporting documentation for this datum is absent.
I	The calculated sums are considered incomplete because of the lack of one or more congener results.
J	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.
J-	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.
J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
JN-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.
JN+	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected positive bias.
N	There is presumptive evidence of the presence of the material.
NJ	(Organic) Analyte has been tentatively identified, and the associated numerical value is estimated based upon a 1:1 response factor to the nearest eluting internal standard.
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
PM	Manual review of raw data is recommended to determine if the observed noncompliances with quality acceptance criteria adversely impact data use.

Secondary Validation Flag Codes (continued)

Code	Description
R	The reported sample result is classified as rejected because of serious noncompliances regarding quality control (QC) acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
U	The analyte is classified as not detected.
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	8891	Single	130	03/02/11	WG	UF	CS	—	RAD	LLEE	Tritium	—	15.10	2.43E+00	2.08E+00	—	pCi/L	—	—	11-1581	RE16-11-3293	ARSL
16-26644	8891	Single	130	03/02/11	WG	UF	CS	FD	RAD	LLEE	Tritium	—	12.80	2.04E+00	1.76E+00	—	pCi/L	—	—	11-1581	RE16-11-3298	ARSL
16-26644	8891	Single	130	11/02/10	WG	UF	CS	—	RAD	LLEE	Tritium	—	23.85	3.67E+00	1.88E+00	—	pCi/L	—	—	11-427	RE16-11-1720	ARSL
16-26644	8891	Single	130	07/22/10	WG	UF	CS	—	RAD	LLEE	Tritium	—	14.27	2.43E+00	3.35E+00	—	pCi/L	—	—	10-3869	RE16-10-24527	ARSL
16-26644	8891	Single	130	04/20/10	WG	UF	CS	—	RAD	LLEE	Tritium	—	31.39	4.79E+00	2.01E+00	—	pCi/L	—	—	10-2844	GW16-10-15981	ARSL
16-26644	8891	Single	130	04/20/10	WG	UF	CS	FD	RAD	LLEE	Tritium	—	33.56	5.14E+00	2.17E+00	—	pCi/L	—	—	10-2844	GW16-10-15978	ARSL
CdV-16-4ip	9381	P2A	1110	03/31/11	WG	UF	CS	—	RAD	EPA:910.0	Radon-222	—	490.76	1.42E+02	1.04E+01	—	pCi/L	—	—	11-1863	CAWA-11-5666	ARSL
CdV-16-4ip	9381	P2A	1110	03/31/11	WG	UF	CS	—	RAD	LLEE	Tritium	—	3.58	8.94E-01	2.17E+00	—	pCi/L	—	—	11-1936	CAWA-11-5666	ARSL
CdV-16-4ip	9381	P2A	1110	11/02/10	WG	UF	CS	—	RAD	LLEE	Tritium	—	23.95	3.70E+00	2.01E+00	—	pCi/L	—	J	11-426	CAWA-11-1631	ARSL
CdV-16-4ip	9381	P2A	1110	09/18/10	WG	UF	CS	—	RAD	LLEE	Tritium	—	16.22	2.59E+00	2.27E+00	—	pCi/L	—	—	10-4689	CAWA-10-26044	ARSL
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	RAD	LLEE	Tritium	—	3.45	8.62E-01	2.11E+00	—	pCi/L	—	—	11-1935	CAWA-11-5324	ARSL
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	RAD	LLEE	Tritium	<	7.31	4.06E+00	5.56E+00	—	pCi/L	—	U	11-850	CAWA-11-2117	ARSL
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	RAD	LLEE	Tritium	—	3.38	8.94E-01	2.27E+00	—	pCi/L	—	—	10-4686	CAWA-10-25902	ARSL
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.16	5.11E-01	1.76E+00	—	pCi/L	U	U	10-2686	CAWA-10-15170	ARSL
CDV-37-1(i)	8931	Single	632	02/08/10	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.03	2.87E-01	2.87E-01	—	pCi/L	U	U	10-1784	CAWA-10-11283	UMTL
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	RAD	LLEE	Tritium	<	-1.69	6.39E-01	2.17E+00	—	pCi/L	U	U	11-1935	CAWA-11-5320	ARSL
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	RAD	LLEE	Tritium	<	9.80	5.43E+00	7.44E+00	—	pCi/L	—	U	11-850	CAWA-11-2116	ARSL
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	RAD	LLEE	Tritium	—	3.54	9.26E-01	2.36E+00	—	pCi/L	—	—	10-4686	CAWA-10-25906	ARSL
R-27i	8911	Single	619	04/15/10	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	Single	619	12/11/09	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.16	2.87E-01	2.87E-01	—	pCi/L	U	U	10-960	CAWA-10-5479	UMTL
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	RAD	LLEE	Tritium	<	-0.45	7.34E-01	2.55E+00	—	pCi/L	U	U	11-2043	CAWA-11-5375	ARSL
R-47i	8921	Single	840	04/07/11	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-0.67	6.39E-01	2.24E+00	—	pCi/L	U	U	11-2043	CAWA-11-5378	ARSL
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	RAD	LLEE	Tritium	<	9.26	5.17E+00	7.12E+00	—	pCi/L	—	U	11-850	CAWA-11-2122	ARSL
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	RAD	LLEE	Tritium	—	3.51	9.90E-01	2.68E+00	—	pCi/L	—	—	10-4760	CAWA-10-25908	ARSL
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	RAD	LLEE	Tritium	<	50.13	3.19E+00	1.85E+00	—	pCi/L	—	U	10-2755	CAWA-10-15220	ARSL
R-47i	8921	Single	840	12/21/09	WG	UF	CS	—	RAD	EPA:906.0	Tritium	<	-13.40	2.80E+01	9.90E+01	—	pCi/L	U	U	10-1051	CAWA-10-6910	GELC
R-47i	8921	Single	840	12/21/09	WG	UF	CS	—	RAD	LLEE	Tritium	<	0.67	2.87E-01	2.87E-01	—	pCi/L	—	U	10-1199	CAWA-10-6910	UMTL
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	RAD	LLEE	Tritium	<	-1.95	7.34E-01	2.52E+00	—	pCi/L	U	U	11-1841	CAWA-11-5380	ARSL
R-48	8881	Single	1500	03/28/11	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-1.79	7.02E-01	2.30E+00	—	pCi/L	U	U	11-1841	CAWA-11-5385	ARSL
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	RAD	LLEE	Tritium	<	10.03	5.56E+00	7.60E+00	—	pCi/L	—	U	11-1124	CAWA-11-3192	ARSL
R-48	8881	Single	1500	12/02/10	WG	UF	CS	—	RAD	LLEE	Tritium	<	10.70	5.91E+00	8.11E+00	—	pCi/L	—	U	11-850	CAWA-11-2134	ARSL
R-48	8881	Single	1500	12/02/10	WG	UF	CS	FD	RAD	LLEE	Tritium	<	10.44	5.78E+00	7.92E+00	—	pCi/L	—	U	11-850	CAWA-11-2127	ARSL
R-48	8881	Single	1500	09/22/10	WG	UF	CS	—	RAD	LLEE	Tritium	<	2.78	7.98E-01	2.14E+00	—	pCi/L	—	U	10-4760	CAWA-10-25893	ARSL
R-48	8881	Single	1500	09/22/10	WG	UF	CS	FD	RAD	LLEE	Tritium	<	2.84	7.98E-01	2.17E+00	—	pCi/L	—	U	10-4760	CAWA-10-25895	ARSL
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	RAD	LLEE	Tritium	<	-1.76	7.66E-01	2.62E+00	—	pCi/L	U	U	11-2031	CAWA-11-4911	ARSL

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.1	—	—	7.30E-01	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.2	—	—	7.30E-01	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.4	—	—	7.30E-01	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.73	—	—	5.00E-02	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.28	—	—	5.00E-02	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.27	—	—	5.00E-02	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.64	—	—	5.00E-02	mg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.6	—	—	5.00E-02	mg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.17	—	—	5.00E-02	mg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.24	—	—	6.60E-02	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.22	—	—	6.60E-02	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.25	—	—	6.60E-02	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	—	0.00485	—	—	1.50E-03	mg/L	J	J	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Geninorg	SW-846:9012A	Cyanide (Total)	<	0.005	—	—	1.50E-03	mg/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	UJ	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.139	—	—	3.30E-02	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.166	—	—	3.30E-02	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.148	—	—	3.30E-02	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	4.50E-01	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.2	—	—	4.50E-01	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.6	—	—	3.50E-01	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34	—	—	4.50E-01	mg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.4	—	—	4.50E-01	mg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.4	—	—	3.50E-01	mg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.4	—	—	1.10E-01	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.18	—	—	1.10E-01	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.31	—	—	8.50E-02	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.41	—	—	1.10E-01	mg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.28	—	—	1.10E-01	mg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.3	—	—	8.50E-02	mg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.257	—	—	5.00E-02	µg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.13	—	—	5.00E-02	µg/L	J	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.124	—	—	5.00E-02	µg/L	J	J	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.127	—	—	5.00E-02	µg/L	J	J+	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.112	—	—	5.00E-02	µg/L	J	J	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.736	—	—	5.00E-02	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.6	—	—	5.00E-02	mg/L	—	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.57	—	—	5.00E-02	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.735	—	—	5.00E-02	mg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.614	—	—	5.00E-02	mg/L	—	J	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.569	—	—	5.00E-02	mg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.00E-01	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	1.00E-01	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.00E-01	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	1.00E-01	mg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	1.00E-01	mg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1.00E+00	µS/cm	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	µS/cm	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	119	—	—	1.00E+00	µS/cm	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	126	—	—	1.00E+00	µS/cm	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	119	—	—	1.00E+00	µS/cm	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.12	—	—	1.00E-01	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.56	—	—	1.00E-01	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.54	—	—	1.00E-01	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	112	—	—	2.40E+00	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.40E+00	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.48	—	—	1.00E-02	SU	H	J-	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J-	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	1.00E-02	SU	H	J-	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	116	—	—	6.80E+01	µg/L	J	J	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	117	—	—	6.80E+01	µg/L	J	J	11-2700	CAWA-11-14062	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	199	—	—	6.80E+01	µg/L	J	J	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	247	—	—	6.80E+01	µg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	227	—	—	6.80E+01	µg/L	—	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	406	—	—	6.80E+01	µg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.5	—	—	1.00E+00	µg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.8	—	—	1.00E+00	µg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	11.4	—	—	1.00E+00	µg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.2	—	—	1.00E+00	µg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.6	—	—	1.00E+00	µg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11	—	—	1.00E+00	µg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.9	—	—	1.00E+00	µg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.8	—	—	1.00E+00	µg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.9	—	—	1.00E+00	µg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.9	—	—	1.00E+00	µg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.00E+00	µg/L	U	U	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.3	—	—	2.50E+00	µg/L	J	U	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.45	—	—	2.00E+00	µg/L	J	J	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.46	—	—	2.00E+00	µg/L	J	J	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.76	—	—	2.50E+00	µg/L	J	J	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.39	—	—	2.50E+00	µg/L	J	J	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	9.87	—	—	2.50E+00	µg/L	J	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.12	—	—	1.00E+00	µg/L	J	J	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	62.9	—	—	3.00E+01	µg/L	J	J	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	36.4	—	—	3.00E+01	µg/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	31	—	—	3.00E+01	µg/L	J	J	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	213	—	—	3.00E+01	µg/L	—	J	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	169	—	—	3.00E+01	µg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	157	—	—	3.00E+01	µg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	262	—	—	3.00E+01	µg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	423	—	—	3.00E+01	µg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.77	—	—	2.00E+00	µg/L	J	J	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.55	—	—	2.00E+00	µg/L	J	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.1	—	—	2.00E+00	µg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	22.8	—	—	2.00E+00	µg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	22.1	—	—	2.00E+00	µg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.82	—	—	2.00E+00	µg/L	J	J	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.3	—	—	2.00E+00	µg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.9	—	—	2.00E+00	µg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.2	—	—	2.00E+00	µg/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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	25.9	—	—	2.00E+00	µg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	1.70E-01	µg/L	—	J	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.33	—	—	1.70E-01	µg/L	—	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.69	—	—	1.00E-01	µg/L	—	U	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.94	—	—	1.00E-01	µg/L	—	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.14	—	—	1.00E-01	µg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.49	—	—	1.70E-01	µg/L	—	J	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.70E-01	µg/L	—	J	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.7	—	—	1.00E-01	µg/L	—	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.99	—	—	1.00E-01	µg/L	—	J	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.14	—	—	1.00E-01	µg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.48	—	—	5.00E-01	µg/L	J	J	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.71	—	—	5.00E-01	µg/L	J	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.34	—	—	5.00E-01	µg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.33	—	—	5.00E-01	µg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.67	—	—	5.00E-01	µg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.16	—	—	5.00E-01	µg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.19	—	—	5.00E-01	µg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.02	—	—	5.00E-01	µg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.8	—	—	5.00E-01	µg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.12	—	—	5.00E-01	µg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.8	—	—	5.30E-02	mg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.5	—	—	5.30E-02	mg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.3	—	—	5.30E-02	mg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.2	—	—	1.00E+00	µg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.1	—	—	1.00E+00	µg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.5	—	—	1.00E+00	µg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.7	—	—	1.00E+00	µg/L	—	—	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.4	—	—	1.00E+00	µg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49	—	—	1.00E+00	µg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1.00E+00	µg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.2	—	—	1.00E+00	µg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.5	—	—	1.00E+00	µg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.4	—	—	1.00E+00	µg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.506	—	—	6.70E-02	µg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.517	—	—	6.70E-02	µg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.623	—	—	5.00E-02	µg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	5.00E-02	µg/L	U	U	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.532	—	—	5.00E-02	µg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.587	—	—	6.70E-02	µg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.583	—	—	6.70E-02	µg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.804	—	—	5.00E-02	µg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.649	—	—	5.00E-02	µg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.716	—	—	5.00E-02	µg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.49	—	—	1.00E+00	µg/L	J	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.43	—	—	1.00E+00	µg/L	J	J	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.26	—	—	1.00E+00	µg/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.21	—	—	1.00E+00	µg/L	J	U	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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.79	—	—	1.00E+00	µg/L	J	J	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.28	—	—	1.00E+00	µg/L	J	J	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.47	—	—	1.00E+00	µg/L	J	J	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.08	—	—	1.00E+00	µg/L	J	J	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.25	—	—	1.00E+00	µg/L	J	U	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.1	—	—	3.30E+00	µg/L	—	—	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.3	—	—	3.30E+00	µg/L	—	—	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.8	—	—	3.30E+00	µg/L	—	—	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.77	—	—	3.30E+00	µg/L	J	J	10-4679	CAWA-10-25903	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	18.7	—	—	3.30E+00	µg/L	—	—	10-2659	CAWA-10-15172	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	16.3	—	—	3.30E+00	µg/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	14.9	—	—	3.30E+00	µg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.2	—	—	3.30E+00	µg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.9	—	—	3.30E+00	µg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	33.3	—	—	3.30E+00	µg/L	—	—	10-2659	CAWA-10-15170	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-1.38	2.63E+00	2.50E+01	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.01	1.50E-03	2.80E-02	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-11.5	3.17E+00	3.00E+01	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00988	1.47E-03	3.20E-02	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000235	1.00E-03	2.70E-02	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	-18.7	6.33E+00	5.60E+01	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	7.16	1.40E+00	1.50E+01	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	0.506	5.33E-01	5.50E+00	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.728	5.33E-01	5.60E+00	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-7.36	7.33E-01	7.50E+00	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.893	6.00E-01	6.20E+00	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.27	5.33E-01	6.00E+00	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-4.79	5.00E-01	2.90E+00	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.215	6.00E-01	5.90E+00	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.902	2.20E-01	2.20E+00	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.602	1.97E-01	2.10E+00	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.29	2.47E-01	2.20E+00	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.701	2.47E-01	2.90E+00	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.44	2.53E-01	2.40E+00	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3	3.33E-01	3.00E+00	—	pCi/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	0.476	1.20E+00	1.20E+01	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	3.11	1.50E+00	1.50E+01	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00597	1.33E-03	2.40E-02	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.30E-03	3.70E-02	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00202	1.17E-03	2.30E-02	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0119	2.30E-03	3.60E-02	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00832	3.67E-03	5.40E-02	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00403	1.63E-03	4.20E-02	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.593	7.33E+00	7.80E+01	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.4	7.67E+00	7.60E+01	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-60.6	8.00E+00	7.20E+01	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-89.1	6.67E+01	6.20E+02	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.137	6.33E-01	6.10E+00	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.41	4.67E-01	5.60E+00	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.88	5.33E-01	4.10E+00	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.141	4.67E-02	4.80E-01	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.17	4.67E-02	5.00E-01	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.292	5.00E-02	4.90E-01	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	1.02	6.33E-01	6.60E+00	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-5.63	3.07E+01	3.00E+02	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.318	1.37E-02	9.30E-02	—	pCi/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.363	1.30E-02	3.10E-02	—	pCi/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.388	1.37E-02	5.10E-02	—	pCi/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-8.62	3.67E+00	3.50E+01	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	06/20/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0208	3.67E-03	5.30E-02	—	pCi/L	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0164	2.60E-03	2.50E-02	—	pCi/L	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00597	2.00E-03	3.40E-02	—	pCi/L	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.182	9.33E-03	4.20E-02	—	pCi/L	—	—	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.161	7.33E-03	3.40E-02	—	pCi/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.179	8.00E-03	3.40E-02	—	pCi/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	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	Single	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	Single	632	06/20/11	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	0.72	—	—	2.50E-01	µg/L	J	J	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	8931	Single	632	03/31/11	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	1.36	—	—	2.50E-01	µg/L	—	—	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	8931	Single	632	12/01/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	1.27	—	—	2.50E-01	µg/L	—	—	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	8931	Single	632	09/21/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	2.7	—	—	2.50E-01	µg/L	—	—	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	8931	Single	632	04/01/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	3.65	—	—	2.50E-01	µg/L	—	—	10-2659	CAWA-10-15170	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.8	—	—	7.30E-01	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.101	—	—	6.60E-02	mg/L	J	J	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.096	—	—	6.60E-02	mg/L	J	J	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.072	—	—	6.70E-02	mg/L	J	J	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	5.00E-02	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	5.00E-02	mg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	11.8	—	—	6.60E-02	mg/L	—	J	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.151	—	—	3.30E-02	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	65.9	—	—	4.50E-01	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	67.3	—	—	4.50E-01	mg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.04	—	—	1.10E-01	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.17	—	—	1.10E-01	mg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.09	—	—	5.00E-02	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.533	—	—	5.00E-02	µg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.566	—	—	5.00E-02	µg/L	—	J+	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.512	—	—	5.00E-02	µg/L	—	J	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.566	—	—	5.00E-02	µg/L	—	—	09-169	CAWA-08-16015	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.2	—	—	5.00E-02	mg/L	—	J	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	5.00E-02	mg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	186	—	—	1.00E+00	µS/cm	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	181	—	—	1.00E+00	µS/cm	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	176	—	—	1.00E+00	µS/cm	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	192	—	—	1.00E+00	µS/cm	—	—	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.07	—	—	1.00E-01	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.40E+00	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.796	—	—	3.30E-01	mg/L	J	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	09/21/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.054	—	—	1.50E-02	mg/L	—	U	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.043	—	—	1.50E-02	mg/L	J	U	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.08	—	—	2.40E-02	mg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0847	—	—	1.50E-02	mg/L	—	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.64	—	—	1.00E-02	SU	H	J-	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	2.76	—	—	1.00E-01	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	DL	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	2.32	—	—	1.00E-01	µg/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	2.61	—	—	1.30E-01	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.30E-01	µg/L	U	UJ	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	RE	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	3.23	—	—	1.30E-01	µg/L	—	J-	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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	3.05	—	—	1.00E-01	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	DL	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	2.4	—	—	1.00E-01	µg/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	2.81	—	—	1.20E-01	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	1.20E-01	µg/L	U	UJ	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	RE	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	2.58	—	—	1.20E-01	µg/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	HEXP	SW-846:8321A	Dinitrotoluene[2,4-]	—	0.57	—	—	1.00E-01	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	DL	—	HEXP	SW-846:8321A	Dinitrotoluene[2,4-]	—	0.698	—	—	1.00E-01	µg/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	HEXP	SW-846:8321A	Dinitrotoluene[2,4-]	—	0.804	—	—	1.30E-01	µg/L	—	J	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	4.2	—	—	1.00E-01	µg/L	—	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	DL	—	HEXP	SW-846:8321A	HMX	—	4.37	—	—	1.00E-01	µg/L	—	J	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	8.02	—	—	1.00E-01	µg/L	—	J	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	0.289	—	—	1.00E-01	µg/L	J	J	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	RE	—	HEXP	SW-846:8321A	HMX	—	10.8	—	—	1.00E-01	µg/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	HEXP	SW-846:8330	MNX	—	0.24	—	—	9.10E-02	µg/L	J	J	11-2666	CAWA-11-13983	STSL
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	HEXP	SW-846:8330	MNX	—	0.17	—	—	9.10E-02	µg/L	P	J	10-4682	CAWA-10-25800	STSL
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	HEXP	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	µg/L	U	R	09-1337	CAWA-09-5594	STSL
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	HEXP	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	µg/L	U	U	09-167	CAWA-08-16016	STSL
R-25	932	MP1A	754.8	06/14/11	WG	UF	DL	—	HEXP	SW-846:8321A	RDX	—	38	—	—	5.20E-01	µg/L	—	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	26.2	—	—	5.20E-01	µg/L	—	J	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	DL	—	HEXP	SW-846:8321A	RDX	—	41.8	—	—	6.50E-01	µg/L	—	J	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	1.59	—	—	1.30E-01	µg/L	—	J	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	DL	—	HEXP	SW-846:8321A	RDX	—	41.7	—	—	6.50E-01	µg/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	HEXP	SW-846:8330	TNX	—	0.68	—	—	8.20E-02	µg/L	P	—	11-2666	CAWA-11-13983	STSL
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	HEXP	SW-846:8330	TNX	—	0.47	—	—	8.20E-02	µg/L	P	J	10-4682	CAWA-10-25800	STSL
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	HEXP	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	µg/L	U	U	09-1337	CAWA-09-5594	STSL
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	HEXP	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	µg/L	U	U	09-167	CAWA-08-16016	STSL
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrobenzene[1,3,5-]	—	0.959	—	—	1.00E-01	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	DL	—	HEXP	SW-846:8321A	Trinitrobenzene[1,3,5-]	—	0.862	—	—	1.00E-01	µg/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrobenzene[1,3,5-]	—	0.775	—	—	1.00E-01	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrobenzene[1,3,5-]	<	0.325	—	—	1.00E-01	µg/L	U	UJ	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	RE	—	HEXP	SW-846:8321A	Trinitrobenzene[1,3,5-]	—	1.13	—	—	1.00E-01	µg/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	7.75	—	—	1.00E-01	µg/L	—	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	DL	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	8.08	—	—	1.00E-01	µg/L	—	—	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	6.32	—	—	7.80E-02	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	0.0991	—	—	7.80E-02	µg/L	J	J	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	RE	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	7.75	—	—	7.80E-02	µg/L	—	J-	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.6	—	—	1.00E+00	µg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6.6	—	—	1.00E+00	µg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.12	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6	—	—	1.00E+00	µg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.8	—	—	1.00E+00	µg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.45	—	—	1.00E+00	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.41	—	—	1.00E+00	µg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.96	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.6	—	—	1.00E+00	µg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.4	—	—	1.00E+00	µg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	105	—	—	1.50E+01	µg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	91	—	—	1.50E+01	µg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	103	—	—	1.00E+01	µg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	95.5	—	—	1.00E+01	µg/L	—	—	09-169	CAWA-08-16015	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	163	—	—	1.00E+01	µg/L	—	J+	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	103	—	—	1.50E+01	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	89.1	—	—	1.50E+01	µg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	101	—	—	1.00E+01	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	98.2	—	—	1.00E+01	µg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	164	—	—	1.00E+01	µg/L	—	J+	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.12	—	—	2.00E+00	µg/L	J	J	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	9.69	—	—	2.50E+00	µg/L	J	R	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	RE	—	Metals	SW-846:6020	Chromium	—	8.6	—	—	2.50E+00	µg/L	J	J	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	8.56	—	—	1.50E+00	µg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.7	—	—	1.50E+00	µg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	6.2	—	—	1.00E+00	µg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	51.8	—	—	2.00E+00	µg/L	—	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	28.7	—	—	2.50E+00	µg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	75.4	—	—	1.50E+00	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	97.3	—	—	1.50E+00	µg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	153	—	—	1.00E+00	µg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	7.73	—	—	1.00E+00	µg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	7.41	—	—	1.00E+00	µg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	11.5	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.3	—	—	1.00E+00	µg/L	J	J	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	11.1	—	—	1.00E+00	µg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	7.98	—	—	1.00E+00	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	6.09	—	—	1.00E+00	µg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	8.26	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	6.7	—	—	1.00E+00	µg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	12.7	—	—	1.00E+00	µg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	34.9	—	—	3.00E+01	µg/L	J	J	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	91.7	—	—	3.00E+01	µg/L	J	J	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	29.5	—	—	2.50E+01	µg/L	J	J	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	26.7	—	—	2.50E+01	µg/L	J	J	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	192	—	—	1.80E+01	µg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	378	—	—	3.00E+01	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	214	—	—	3.00E+01	µg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	782	—	—	2.50E+01	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1490	—	—	2.50E+01	µg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	3770	—	—	1.80E+01	µg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	92.5	—	—	2.00E+00	µg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	83.9	—	—	2.00E+00	µg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	140	—	—	2.00E+00	µg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	61.8	—	—	2.00E+00	µg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	183	—	—	2.00E+00	µg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	71.9	—	—	2.00E+00	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	67.9	—	—	2.00E+00	µg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	97	—	—	2.00E+00	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	88.8	—	—	2.00E+00	µg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	198	—	—	2.00E+00	µg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.70E-01	µg/L	—	J	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.987	—	—	1.00E-01	µg/L	—	J	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	1.00E-01	µg/L	—	—	09-1338	CAWA-09-5595	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.89	—	—	1.00E-01	µg/L	—	U	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.70E-01	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.919	—	—	1.00E-01	µg/L	—	U	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.67	—	—	1.00E-01	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	µg/L	—	U	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2.00E+00	µg/L	J	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	623	—	—	5.00E-01	µg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	454	—	—	5.00E-01	µg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	731	—	—	5.00E+00	µg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	338	—	—	5.00E-01	µg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	723	—	—	5.00E-01	µg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	481	—	—	5.00E-01	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	370	—	—	5.00E-01	µg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	596	—	—	5.00E+00	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	442	—	—	5.00E-01	µg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	742	—	—	5.00E-01	µg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.1	—	—	5.30E-02	mg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	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	MP1A	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	MP1A	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	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1.00E+00	µg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.1	—	—	1.00E+00	µg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.3	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	µg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1.00E+00	µg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.7	—	—	1.00E+00	µg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	µg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	µg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.511	—	—	6.70E-02	µg/L	—	—	11-2667	CAWA-11-13984	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	43.7	—	—	5.00E-02	µg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	RE	—	Metals	SW-846:6020	Uranium	—	0.696	—	—	6.70E-02	µg/L	—	—	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.475	—	—	5.00E-02	µg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.92	—	—	5.00E-02	µg/L	—	—	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.74	—	—	5.00E-02	µg/L	—	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.727	—	—	6.70E-02	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.506	—	—	5.00E-02	µg/L	—	—	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.709	—	—	5.00E-02	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.95	—	—	5.00E-02	µg/L	—	—	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	5.00E-02	µg/L	—	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.31	—	—	1.00E+00	µg/L	J	J	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	µg/L	U	U	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.8	—	—	1.00E+00	µg/L	J	U	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1.00E+00	µg/L	J	—	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.36	—	—	1.00E+00	µg/L	J	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1.00E+00	µg/L	J	J	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.18	—	—	1.00E+00	µg/L	J	J	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3	—	—	1.00E+00	µg/L	J	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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.9	—	—	1.00E+00	µg/L	J	—	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.72	—	—	3.30E+00	µg/L	J	J	10-4684	CAWA-10-25798	GELC
R-25	932	MP1A	754.8	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	11.3	—	—	2.00E+00	µg/L	—	—	09-1338	CAWA-09-5595	GELC
R-25	932	MP1A	754.8	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.7	—	—	2.00E+00	µg/L	J	J	09-169	CAWA-08-16015	GELC
R-25	932	MP1A	754.8	08/02/05	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	12.6	—	—	2.00E+00	µg/L	*	J, U	142482	GF0508G25R101	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.7	—	—	3.30E+00	µg/L	—	—	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.34	—	—	3.30E+00	µg/L	J	J	10-4684	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10	—	—	2.00E+00	µg/L	—	—	09-1338	CAWA-09-5594	GELC
R-25	932	MP1A	754.8	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.9	—	—	2.00E+00	µg/L	J	J	09-169	CAWA-08-16016	GELC
R-25	932	MP1A	754.8	08/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	21.6	—	—	2.00E+00	µg/L	*	U, J	142482	GU0508G25R101	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	SVOA	SW-846:8270C	Dinitrotoluene[2,4-]	<	11.1	—	—	2.20E+00	µg/L	U	U	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	0.34	—	—	2.50E-01	µg/L	J	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	0.4	—	—	2.50E-01	µg/L	J	J	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	VOA	SW-846:8260B	Tetrachloroethene	—	0.69	—	—	3.00E-01	µg/L	J	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	VOA	SW-846:8260B	Tetrachloroethene	—	0.68	—	—	3.00E-01	µg/L	J	J	10-4683	CAWA-10-25800	GELC
R-25	932	MP1A	754.8	06/14/11	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.82	—	—	2.50E-01	µg/L	J	J	11-2667	CAWA-11-13983	GELC
R-25	932	MP1A	754.8	09/21/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.64	—	—	2.50E-01	µg/L	J	J	10-4683	CAWA-10-25800	GELC
R-25	982	MP2A	891.8	06/15/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.163	—	—	5.00E-02	µg/L	J	J	11-2676	CAWA-11-13990	GELC
R-25	982	MP2A	891.8	09/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0866	—	—	5.00E-02	µg/L	J	J+	10-4684	CAWA-10-25812	GELC
R-25	982	MP2A	891.8	04/06/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.168	—	—	5.00E-02	µg/L	J	J	10-2685	CAWA-10-15243	GELC
R-25	982	MP2A	891.8	10/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0649	—	—	5.00E-02	µg/L	J	J	10-170	CAWA-09-14197	GELC
R-25	982	MP2A	891.8	08/03/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	µg/L	U	—	142609	GF0508G25R201	GELC
R-25	982	MP2A	891.8	08/03/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.138	—	—	5.00E-02	µg/L	J	—	142609	GF0508G25R201	GELC
R-25	982	MP2A	891.8	06/15/11	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.283	—	—	1.00E-01	µg/L	J	J	11-2677	CAWA-11-13989	GELC
R-25	982	MP2A	891.8	09/21/10	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	1.07	—	—	1.00E-01	µg/L	—	—	10-4683	CAWA-10-25814	GELC
R-25	982	MP2A	891.8	04/06/10	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.29	—	—	1.00E-01	µg/L	J	J	10-2685	CAWA-10-15241	GELC
R-25	982	MP2A	891.8	10/16/09	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.289	—	—	1.00E-01	µg/L	J	J	10-170	CAWA-09-14195	GELC
R-25	982	MP2A	891.8	04/01/09	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.249	—	—	1.30E-01	µg/L	J	J	09-1355	CAWA-09-5632	GELC
R-25	982	MP2A	891.8	06/15/11	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	0.185	—	—	1.00E-01	µg/L	J	J	11-2677	CAWA-11-13989	GELC
R-25	982	MP2A	891.8	09/21/10	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	0.504	—	—	1.00E-01	µg/L	—	—	10-4683	CAWA-10-25814	GELC
R-25	982	MP2A	891.8	04/06/10	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	0.106	—	—	1.00E-01	µg/L	J	J	10-2685	CAWA-10-15241	GELC
R-25	982	MP2A	891.8	10/16/09	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	0.107	—	—	1.00E-01	µg/L	J	J	10-170	CAWA-09-14195	GELC
R-25	982	MP2A	891.8	04/01/09	WG	UF	CS	—	HEXP	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	1.20E-01	µg/L	U	U	09-1355	CAWA-09-5632	GELC
R-25	982	MP2A	891.8	06/15/11	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	3.22	—	—	1.00E-01	µg/L	—	J	11-2677	CAWA-11-13989	GELC
R-25	982	MP2A	891.8	09/21/10	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	4.98	—	—	1.00E-01	µg/L	—	J	10-4683	CAWA-10-25814	GELC
R-25	982	MP2A	891.8	04/06/10	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	3.15	—	—	1.00E-01	µg/L	—	J	10-2685	CAWA-10-15241	GELC
R-25	982	MP2A	891.8	10/16/09	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	3.14	—	—	1.00E-01	µg/L	—	—	10-170	CAWA-09-14195	GELC
R-25	982	MP2A	891.8	04/01/09	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	3.17	—	—	1.00E-01	µg/L	—	—	09-1355	CAWA-09-5632	GELC
R-25	982	MP2A	891.8	06/15/11	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	11.8	—	—	1.00E-01	µg/L	—	J	11-2677	CAWA-11-13989	GELC
R-25	982	MP2A	891.8	09/21/10	WG	UF	DL	—	HEXP	SW-846:8321A	RDX	—	18.5	—	—	2.60E-01	µg/L	—	J	10-4683	CAWA-10-25814	GELC
R-25	982	MP2A	891.8	04/06/10	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	8.77	—	—	1.00E-01	µg/L	—	J	10-2685	CAWA-10-15241	GELC
R-25	982	MP2A	891.8	10/16/09	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	7.57	—	—	1.00E-01	µg/L	—	J	10-170	CAWA-09-14195	GELC
R-25	982	MP2A	891.8	04/01/09	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	7.74	—	—	1.30E-01	µg/L	—	—	09-1355	CAWA-09-5632	GELC
R-25	982	MP2A	891.8	06/15/11	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	0.82	—	—	2.50E-01	µg/L	J	J	11-2677	CAWA-11-13989	GELC
R-25	982	MP2A	891.8	09/21/10	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	0.67	—	—	2.50E-01	µg/L	J	J	10-4683	CAWA-10-25814	GELC
R-25	982	MP2A	891.8	04/06/10	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	0.73	—	—	2.50E-01	µg/L	J	J	10-2685	CAWA-10-15241	GELC
R-25	982	MP2A	891.8	06/15/11	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.45	—	—	2.50E-01	µg/L	J	J	11-2677	CAWA-11-13989	GELC
R-25	982	MP2A	891.8	09/21/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.45	—	—	2.50E-01	µg/L	J	J	10-4683	CAWA-10-25814	GELC
R-25	982	MP2A	891.8	04/06/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.64	—	—	2.50E-01	µg/L	J	J	10-2685	CAWA-10-15241	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.5	—	—	7.30E-01	mg/L	—	—	11-2676	CAWA-11-13987	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	1.11	—	—	1.60E-02	mg/L	—	J	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.122	—	—	6.60E-02	mg/L	J	J	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.101	—	—	6.60E-02	mg/L	J	J	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.104	—	—	6.60E-02	mg/L	J	J	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.111	—	—	6.60E-02	mg/L	J	J	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.8	—	—	5.00E-02	mg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.8	—	—	5.00E-02	mg/L	—	—	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	10	—	—	6.60E-02	mg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.125	—	—	3.30E-02	mg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	103	—	—	4.50E-01	mg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.3	—	—	4.50E-01	mg/L	—	—	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.88	—	—	1.10E-01	mg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.97	—	—	1.10E-01	mg/L	—	—	11-2676	CAWA-11-13986	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0521	—	—	5.00E-02	µg/L	J	J	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.53	—	—	5.00E-02	µg/L	—	J+	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.08	—	—	5.00E-02	µg/L	J	J	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0868	—	—	5.00E-02	µg/L	J	J	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	5.00E-02	µg/L	U	UJ	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.635	—	—	5.00E-02	mg/L	—	J	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.658	—	—	5.00E-02	mg/L	—	J	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	6.44	—	—	1.00E-01	mg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.5	—	—	1.00E-01	mg/L	—	—	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	247	—	—	1.00E+00	µS/cm	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	µS/cm	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	220	—	—	1.00E+00	µS/cm	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	245	—	—	1.00E+00	µS/cm	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	249	—	—	1.00E+00	µS/cm	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	34.2	—	—	1.00E-01	mg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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
R-25	1082	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.40E+00	mg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.0772	—	—	3.50E-02	mg/L	J	J	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-4716	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	10-2696	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.108	—	—	3.30E-02	mg/L	—	J-	10-192	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.62	—	—	3.30E-01	mg/L	J	J	11-2676	CAWA-11-13986	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.149	—	—	1.50E-02	mg/L	—	J	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.65	—	—	1.00E-02	SU	H	J-	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	UF	CS	—	HEXP	SW-846:8330	DNX	—	0.16	—	—	9.10E-02	µg/L	J	J	11-2679	CAWA-11-13986	STSL
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	HEXP	SW-846:8330	DNX	—	0.18	—	—	6.90E-02	µg/L	P	J	10-4714	CAWA-10-25802	STSL
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	HEXP	SW-846:8330	DNX	<	0.5	—	—	6.90E-02	µg/L	U	U	10-2694	CAWA-10-15187	STSL
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	HEXP	SW-846:8330	DNX	<	0.1	—	—	6.90E-02	µg/L	J	U	10-191	CAWA-09-14157	STSL
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	HEXP	SW-846:8330	DNX	—	0.18	—	—	6.90E-02	µg/L	JP	J	09-1337	CAWA-09-5642	STSL
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	0.129	—	—	1.00E-01	µg/L	J	J	11-2677	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	<	0.325	—	—	1.00E-01	µg/L	U	U	10-4716	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	<	0.325	—	—	1.00E-01	µg/L	U	U	10-2696	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	0.26	—	—	1.00E-01	µg/L	J	J	10-192	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	<	0.325	—	—	1.00E-01	µg/L	U	U	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	HEXP	SW-846:8330	MNX	—	0.34	—	—	9.10E-02	µg/L	J	J	11-2679	CAWA-11-13986	STSL
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	HEXP	SW-846:8330	MNX	—	0.2	—	—	9.10E-02	µg/L	J	J	10-4714	CAWA-10-25802	STSL
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	HEXP	SW-846:8330	MNX	<	0.5	—	—	9.10E-02	µg/L	U	U	10-2694	CAWA-10-15187	STSL
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	HEXP	SW-846:8330	MNX	—	0.22	—	—	9.10E-02	µg/L	JP	J	10-191	CAWA-09-14157	STSL
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	HEXP	SW-846:8330	MNX	—	0.13	—	—	9.10E-02	µg/L	J	J	09-1337	CAWA-09-5642	STSL
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	DL	—	HEXP	SW-846:8321A	RDX	—	26.7	—	—	5.20E-01	µg/L	—	J	11-2677	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	DL	—	HEXP	SW-846:8321A	RDX	—	20.6	—	—	2.60E-01	µg/L	—	J	10-4716	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	DL	—	HEXP	SW-846:8321A	RDX	—	15.9	—	—	2.60E-01	µg/L	—	J	10-2696	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	DL	—	HEXP	SW-846:8321A	RDX	—	18.9	—	—	2.60E-01	µg/L	—	—	10-192	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	DL	—	HEXP	SW-846:8321A	RDX	—	21.1	—	—	3.30E-01	µg/L	—	J	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	HEXP	SW-846:8330	TNX	—	0.13	—	—	8.20E-02	µg/L	P	—	11-2679	CAWA-11-13986	STSL
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	HEXP	SW-846:8330	TNX	—	0.13	—	—	8.20E-02	µg/L	J	J	10-4714	CAWA-10-25802	STSL
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	HEXP	SW-846:8330	TNX	<	0.5	—	—	8.20E-02	µg/L	U	U	10-2694	CAWA-10-15187	STSL
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	HEXP	SW-846:8330	TNX	—	0.14	—	—	8.20E-02	µg/L	J	J	10-191	CAWA-09-14157	STSL
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	HEXP	SW-846:8330	TNX	—	0.12	—	—	8.20E-02	µg/L	J	J	09-1337	CAWA-09-5642	STSL
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1.00E+00	µg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1.00E+00	µg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1.00E+00	µg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.7	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.3	—	—	1.00E+00	µg/L	—	—	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.3	—	—	1.00E+00	µg/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.1	—	—	1.00E+00	µg/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	30.4	—	—	1.50E+01	µg/L	J	J	11-2676	CAWA-11-13987	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27	—	—	1.50E+01	µg/L	J	J	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.6	—	—	1.50E+01	µg/L	J	J	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.6	—	—	1.50E+01	µg/L	J	J	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26.4	—	—	1.00E+01	µg/L	J	J	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.2	—	—	1.50E+01	µg/L	J	J	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.7	—	—	1.50E+01	µg/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.4	—	—	1.50E+01	µg/L	J	J	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.2	—	—	1.50E+01	µg/L	J	J	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	25.7	—	—	1.00E+01	µg/L	J	J	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.88	—	—	2.00E+00	µg/L	J	J	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	µg/L	U	U	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.04	—	—	2.00E+00	µg/L	J	J	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.93	—	—	2.50E+00	µg/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.21	—	—	1.50E+00	µg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.27	—	—	1.00E+00	µg/L	J	J	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.18	—	—	1.00E+00	µg/L	J	J	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	289	—	—	3.00E+01	µg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	78.6	—	—	3.00E+01	µg/L	J	J	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	168	—	—	3.00E+01	µg/L	—	U	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	161	—	—	2.50E+01	µg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	56.2	—	—	3.00E+01	µg/L	J	J	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	32.3	—	—	3.00E+01	µg/L	J	J	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	90	—	—	3.00E+01	µg/L	J	U	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	44.3	—	—	2.50E+01	µg/L	J	J	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	44.3	—	—	2.00E+00	µg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	39.7	—	—	2.00E+00	µg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	51.7	—	—	2.00E+00	µg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	48.1	—	—	2.00E+00	µg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.66	—	—	2.00E+00	µg/L	J	J	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.45	—	—	2.00E+00	µg/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.05	—	—	2.00E+00	µg/L	J	J	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.91	—	—	2.00E+00	µg/L	J	J	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.38	—	—	2.00E+00	µg/L	J	J	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.36	—	—	5.00E-01	µg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.8	—	—	5.00E-01	µg/L	J	J	10-4717	CAWA-10-25805	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.42	—	—	5.00E-01	µg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	11	—	—	5.00E-01	µg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.54	—	—	5.00E-01	µg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.82	—	—	5.00E-01	µg/L	J	J	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	5.00E-01	µg/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.74	—	—	5.00E-01	µg/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.36	—	—	5.00E-01	µg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.13	—	—	5.00E-01	µg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.2	—	—	5.30E-02	mg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	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	MP4A	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	MP4A	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	MP4A	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	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	µg/L	—	—	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1.00E+00	µg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	µg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	137	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1.00E+00	µg/L	—	—	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	µg/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	µg/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	µg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.127	—	—	6.70E-02	µg/L	J	J	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.812	—	—	5.00E-02	µg/L	—	—	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.449	—	—	5.00E-02	µg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.44	—	—	5.00E-02	µg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.422	—	—	5.00E-02	µg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.464	—	—	6.70E-02	µg/L	—	—	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.828	—	—	5.00E-02	µg/L	—	—	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.587	—	—	5.00E-02	µg/L	—	—	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.578	—	—	5.00E-02	µg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.59	—	—	5.00E-02	µg/L	—	—	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.25	—	—	3.30E+00	µg/L	J	J	11-2676	CAWA-11-13987	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-4717	CAWA-10-25805	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.5	—	—	3.30E+00	µg/L	—	—	10-2697	CAWA-10-15185	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	20.1	—	—	3.30E+00	µg/L	—	—	10-193	CAWA-09-14154	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	11.1	—	—	2.00E+00	µg/L	—	—	09-1338	CAWA-09-5641	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.01	—	—	3.30E+00	µg/L	J	J	11-2676	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.33	—	—	3.30E+00	µg/L	J	J	10-4717	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.55	—	—	3.30E+00	µg/L	J	J	10-2697	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.1	—	—	3.30E+00	µg/L	—	—	10-193	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	03/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.88	—	—	2.00E+00	µg/L	J	J	09-1338	CAWA-09-5642	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	1.31	—	—	2.50E-01	µg/L	—	—	11-2677	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	1.06	—	—	2.50E-01	µg/L	—	—	10-4716	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	1.11	—	—	2.50E-01	µg/L	—	—	10-2696	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	0.725	—	—	2.50E-01	µg/L	J	J	10-192	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	VOA	SW-846:8260B	Tetrachloroethene	—	0.58	—	—	3.00E-01	µg/L	J	J	11-2677	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	VOA	SW-846:8260B	Tetrachloroethene	<	1	—	—	3.00E-01	µg/L	U	U	10-4716	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	VOA	SW-846:8260B	Tetrachloroethene	—	0.49	—	—	3.00E-01	µg/L	J	J	10-2696	CAWA-10-15187	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	VOA	SW-846:8260B	Tetrachloroethene	<	1	—	—	3.00E-01	µg/L	U	U	10-192	CAWA-09-14157	GELC
R-25	1082	MP4A	1192.4	06/15/11	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.47	—	—	2.50E-01	µg/L	J	J	11-2677	CAWA-11-13986	GELC
R-25	1082	MP4A	1192.4	09/21/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	<	1	—	—	2.50E-01	µg/L	U	U	10-4716	CAWA-10-25802	GELC
R-25	1082	MP4A	1192.4	04/07/10	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	—	0.34	—	—	2.50E-01	µg/L	J	J	10-2696	CAWA-10-15187	GELC
R-25	1082	MP4A	1192.4	10/19/09	WG	UF	CS	—	VOA	SW-846:8260B	Trichloroethene	<	1	—	—	2.50E-01	µg/L	U	U	10-192	CAWA-09-14157	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	92	—	—	7.30E-01	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0909	—	—	6.60E-02	mg/L	J	J	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.4	—	—	5.00E-02	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.5	—	—	5.00E-02	mg/L	—	—	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.01	—	—	6.60E-02	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.125	—	—	3.30E-02	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.8	—	—	4.50E-01	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.3	—	—	4.50E-01	mg/L	—	—	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.1	—	—	1.10E-01	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.16	—	—	1.10E-01	mg/L	—	—	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.05	—	—	5.00E-02	mg/L	—	J	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.03	—	—	5.00E-02	mg/L	—	J	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	1.00E-01	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	1.00E-01	mg/L	—	—	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	µS/cm	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	217	—	—	1.00E+00	µS/cm	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	µS/cm	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	1.00E-01	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.40E+00	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.65	—	—	3.30E-01	mg/L	—	—	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.84	—	—	1.50E-02	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J-	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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
R-25	1132	MP5A	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	MP5A	1303.4	06/15/11	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	0.249	—	—	1.00E-01	µg/L	J	J	11-2677	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	0.235	—	—	1.00E-01	µg/L	J	J	10-4721	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	0.151	—	—	1.00E-01	µg/L	J	J	10-2696	CAWA-10-15214	GELC
R-25	1132	MP5A	1303.4	10/21/09	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	0.218	—	—	1.00E-01	µg/L	J	J	10-231	CAWA-09-14178	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	0.377	—	—	1.00E-01	µg/L	—	J	11-2677	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	0.245	—	—	1.00E-01	µg/L	J	J	10-4721	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	0.132	—	—	1.00E-01	µg/L	J	J	10-2696	CAWA-10-15214	GELC
R-25	1132	MP5A	1303.4	10/21/09	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	0.131	—	—	1.00E-01	µg/L	J	J	10-231	CAWA-09-14178	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.4	—	—	1.00E+00	µg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.71	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1.00E+00	µg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.95	—	—	1.00E+00	µg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.5	—	—	1.00E+00	µg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.6	—	—	1.00E+00	µg/L	—	—	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.7	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.5	—	—	1.00E+00	µg/L	—	—	08-913	CAWA-08-11714	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	40.8	—	—	1.50E+01	µg/L	J	J	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	42.9	—	—	1.50E+01	µg/L	J	J	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	49.7	—	—	1.50E+01	µg/L	J	J	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	53.7	—	—	1.00E+01	µg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	55.4	—	—	1.00E+01	µg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	41.3	—	—	1.50E+01	µg/L	J	J	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-4722	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	58.7	—	—	1.00E+01	µg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.03	—	—	2.00E+00	µg/L	J	J	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.89	—	—	1.50E+00	µg/L	J	J	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	08-913	CAWA-08-11715	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.79	—	—	2.00E+00	µg/L	J	J	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	11.5	—	—	2.50E+00	µg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	08-913	CAWA-08-11714	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.45	—	—	2.00E+00	µg/L	J	J	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.48	—	—	2.00E+00	µg/L	J	J	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.89	—	—	2.00E+00	µg/L	J	J	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.21	—	—	2.00E+00	µg/L	J	J	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2.00E+00	µg/L	J	J	08-913	CAWA-08-11715	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.34	—	—	2.00E+00	µg/L	J	J	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	10-4722	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	08-913	CAWA-08-11714	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.6	—	—	1.70E-01	µg/L	—	J	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.13	—	—	1.00E-01	µg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.76	—	—	1.00E-01	µg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.82	—	—	1.00E-01	µg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.5	—	—	1.00E-01	µg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.66	—	—	1.70E-01	µg/L	—	J	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.8	—	—	1.00E-01	µg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.8	—	—	1.00E-01	µg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.41	—	—	5.00E-01	µg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.46	—	—	5.00E-01	µg/L	J	J	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.79	—	—	5.00E-01	µg/L	J	J	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.84	—	—	5.00E-01	µg/L	J	J	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	µg/L	J	J	08-913	CAWA-08-11715	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.95	—	—	5.00E-01	µg/L	—	—	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.37	—	—	5.00E-01	µg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	5.00E-01	µg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.9	—	—	5.30E-02	mg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	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	MP5A	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	MP5A	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	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	172	—	—	1.00E+00	µg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	174	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1.00E+00	µg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1.00E+00	µg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	185	—	—	1.00E+00	µg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	174	—	—	1.00E+00	µg/L	—	—	11-2676	CAWA-11-13995	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.4	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	185	—	—	1.00E+00	µg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.358	—	—	6.70E-02	µg/L	—	—	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.445	—	—	5.00E-02	µg/L	—	U	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.345	—	—	5.00E-02	µg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.504	—	—	5.00E-02	µg/L	—	—	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	µg/L	—	—	08-913	CAWA-08-11715	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.393	—	—	6.70E-02	µg/L	—	—	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.471	—	—	5.00E-02	µg/L	—	U	10-4722	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	µg/L	—	—	08-913	CAWA-08-11714	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.84	—	—	3.30E+00	µg/L	J	J	11-2676	CAWA-11-13997	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-4722	CAWA-10-25844	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	16.3	—	—	3.30E+00	µg/L	—	—	10-2697	CAWA-10-15215	GELC
R-25	1132	MP5A	1303.4	04/07/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.3	—	—	2.00E+00	µg/L	J	J	09-1429	CAWA-09-5671	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.4	—	—	2.00E+00	µg/L	J	J	08-913	CAWA-08-11715	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.94	—	—	3.30E+00	µg/L	J	J	11-2676	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-4722	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/01/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5	—	—	2.00E+00	µg/L	J	J	08-913	CAWA-08-11714	GELC
R-25	1132	MP5A	1303.4	06/15/11	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	—	0.38	—	—	2.50E-01	µg/L	J	J	11-2677	CAWA-11-13995	GELC
R-25	1132	MP5A	1303.4	09/23/10	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	<	1	—	—	2.50E-01	µg/L	U	U	10-4721	CAWA-10-25846	GELC
R-25	1132	MP5A	1303.4	04/07/10	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	<	1	—	—	2.50E-01	µg/L	U	U	10-2696	CAWA-10-15214	GELC
R-25	1132	MP5A	1303.4	10/21/09	WG	UF	CS	—	VOA	SW-846:8260B	Methyl tert-Butyl Ether	<	1	—	—	2.50E-01	µg/L	U	U	10-231	CAWA-09-14178	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.1	—	—	7.30E-01	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.4	—	—	5.00E-02	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	5.00E-02	mg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.35	—	—	6.60E-02	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0961	—	—	3.30E-02	mg/L	J	J	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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
R-25	1182	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.8	—	—	4.50E-01	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1182	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.7	—	—	4.50E-01	mg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.5	—	—	1.10E-01	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.63	—	—	1.10E-01	mg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.256	—	—	5.00E-02	mg/L	—	J+	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	5.00E-02	µg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	5.00E-02	µg/L	—	J+	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.209	—	—	5.00E-02	µg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	5.00E-02	µg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.221	—	—	5.00E-02	µg/L	—	J	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.798	—	—	5.00E-02	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.791	—	—	5.00E-02	mg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.3	—	—	1.00E-01	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.57	—	—	1.00E-01	mg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	µS/cm	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	136	—	—	1.00E+00	µS/cm	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	µS/cm	—	—	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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	µS/cm	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	133	—	—	1.00E+00	µS/cm	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.16	—	—	1.00E-01	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.40E+00	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.66	—	—	1.50E-02	mg/L	—	J	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	0.115	—	—	1.00E-01	µg/L	J	J	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	—	0.111	—	—	1.00E-01	µg/L	J	J	10-4721	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	<	0.325	—	—	1.00E-01	µg/L	U	U	10-2710	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	<	0.325	—	—	1.00E-01	µg/L	U	UJ	10-192	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	HEXP	SW-846:8321A	HMX	<	0.325	—	—	1.00E-01	µg/L	U	U	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	0.468	—	—	1.00E-01	µg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	0.347	—	—	1.00E-01	µg/L	—	J	10-4721	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	0.372	—	—	1.00E-01	µg/L	—	J	10-2710	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	0.322	—	—	1.00E-01	µg/L	J	J	10-192	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	0.378	—	—	1.30E-01	µg/L	—	J	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45.6	—	—	1.00E+00	µg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	44	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.5	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.4	—	—	1.00E+00	µg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	47.6	—	—	1.00E+00	µg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.7	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	47.4	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.7	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.4	—	—	1.00E+00	µg/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	1.50E+01	µg/L	J	J	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.3	—	—	1.50E+01	µg/L	J	J	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.00E+01	µg/L	J	J	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17	—	—	1.50E+01	µg/L	J	J	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-4722	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.8	—	—	1.50E+01	µg/L	J	J	10-2709	CAWA-10-15191	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-193	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	14.5	—	—	1.00E+01	µg/L	J	J	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	35.2	—	—	3.00E+01	µg/L	J	J	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	UN	UJ	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	50	—	—	3.00E+01	µg/L	J	U	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	32.7	—	—	2.50E+01	µg/L	J	J	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	107	—	—	3.00E+01	µg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	UN	UJ	10-2709	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	56.3	—	—	3.00E+01	µg/L	J	U	10-193	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	29.1	—	—	2.50E+01	µg/L	J	J	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.573	—	—	1.70E-01	µg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.619	—	—	1.00E-01	µg/L	—	U	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.699	—	—	1.00E-01	µg/L	—	U	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.603	—	—	1.00E-01	µg/L	—	U	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.621	—	—	1.00E-01	µg/L	—	U	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.587	—	—	1.70E-01	µg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.83	—	—	1.00E-01	µg/L	—	U	10-4722	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.674	—	—	1.00E-01	µg/L	—	U	10-2709	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.791	—	—	1.00E-01	µg/L	—	U	10-193	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.591	—	—	1.00E-01	µg/L	—	U	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.19	—	—	5.00E-01	µg/L	J	J	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.542	—	—	5.00E-01	µg/L	J	J	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.706	—	—	5.00E-01	µg/L	J	J	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.44	—	—	5.00E-01	µg/L	J	J	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.877	—	—	5.00E-01	µg/L	J	J	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.725	—	—	5.00E-01	µg/L	J	J	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.24	—	—	5.00E-01	µg/L	J	J	10-4722	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.511	—	—	5.00E-01	µg/L	J	J	10-2709	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.31	—	—	5.00E-01	µg/L	J	J	10-193	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.6	—	—	5.30E-02	mg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	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	MP6A	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	MP6A	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	MP6A	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	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	80.2	—	—	1.00E+00	µg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.8	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.7	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.4	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	80.1	—	—	1.00E+00	µg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	83.4	—	—	1.00E+00	µg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.2	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.4	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.8	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.9	—	—	1.00E+00	µg/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.59	—	—	6.70E-02	µg/L	—	—	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.682	—	—	5.00E-02	µg/L	—	—	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.564	—	—	5.00E-02	µg/L	—	—	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.595	—	—	5.00E-02	µg/L	—	—	10-193	CAWA-09-14179	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.636	—	—	5.00E-02	µg/L	—	—	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.568	—	—	6.70E-02	µg/L	—	—	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.687	—	—	5.00E-02	µg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.608	—	—	5.00E-02	µg/L	—	—	10-2709	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.617	—	—	5.00E-02	µg/L	—	—	10-193	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.636	—	—	5.00E-02	µg/L	—	—	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.63	—	—	1.00E+00	µg/L	J	J	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.83	—	—	1.00E+00	µg/L	J	J	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.41	—	—	1.00E+00	µg/L	J	J	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.77	—	—	1.00E+00	µg/L	J	J	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.21	—	—	1.00E+00	µg/L	J	J	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.09	—	—	1.00E+00	µg/L	J	J	11-2683	CAWA-11-14000	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.48	—	—	1.00E+00	µg/L	J	J	10-2709	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.78	—	—	1.00E+00	µg/L	J	J	10-193	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.57	—	—	1.00E+00	µg/L	J	J	09-1372	CAWA-09-5645	GELC
R-25	1182	MP6A	1406.3	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.75	—	—	3.30E+00	µg/L	J	J	11-2683	CAWA-11-14001	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-4722	CAWA-10-25849	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-2709	CAWA-10-15192	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.67	—	—	3.30E+00	µg/L	J	J	10-193	CAWA-09-14179	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.48	—	—	2.00E+00	µg/L	J	J	09-1372	CAWA-09-5647	GELC
R-25	1182	MP6A	1406.3	09/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-4722	CAWA-10-25851	GELC
R-25	1182	MP6A	1406.3	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.48	—	—	3.30E+00	µg/L	J	J	10-2709	CAWA-10-15191	GELC
R-25	1182	MP6A	1406.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-193	CAWA-09-14180	GELC
R-25	1182	MP6A	1406.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.73	—	—	2.00E+00	µg/L	J	J	09-1372	CAWA-09-5645	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54	—	—	7.30E-01	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.71	—	—	5.00E-02	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.54	—	—	6.60E-02	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.174	—	—	3.30E-02	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.5	—	—	4.50E-01	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	3.50E-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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1232	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.9	—	—	4.50E-01	mg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	1.10E-01	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.86	—	—	1.10E-01	mg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.283	—	—	5.00E-02	mg/L	—	J+	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.255	—	—	5.00E-02	µg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.263	—	—	5.00E-02	µg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.218	—	—	5.00E-02	µg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	5.00E-02	µg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	04/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.231	—	—	5.00E-02	µg/L	—	J	09-1370	CAWA-09-5649	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.88	—	—	1.00E-01	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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
R-25	1232	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.26	—	—	1.00E-01	mg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	109	—	—	1.00E+00	µS/cm	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1.00E+00	µS/cm	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	108	—	—	1.00E+00	µS/cm	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	µS/cm	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.64	—	—	1.00E-01	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	110	—	—	2.40E+00	mg/L	—	—	11-2683	CAWA-11-14002	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.114	—	—	1.50E-02	mg/L	—	J	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	1.00E-02	SU	H	J-	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	0.185	—	—	1.00E-01	µg/L	J	J	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	1606	09/23/10	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	0.209	—	—	1.00E-01	µg/L	J	J	10-4756	CAWA-10-25865	GELC
R-25	1232	MP7A	1606	04/08/10	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	0.166	—	—	1.00E-01	µg/L	J	J	10-2710	CAWA-10-15196	GELC
R-25	1232	MP7A	1606	10/20/09	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	0.194	—	—	1.00E-01	µg/L	J	J	10-217	CAWA-09-14186	GELC
R-25	1232	MP7A	1606	04/02/09	WG	UF	CS	—	HEXP	SW-846:8321A	Trinitrotoluene[2,4,6-]	—	0.211	—	—	7.80E-02	µg/L	J	J	09-1369	CAWA-09-5650	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.6	—	—	1.00E+00	µg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.9	—	—	1.00E+00	µg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.5	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.3	—	—	1.00E+00	µg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	06/16/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.1	—	—	1.00E+00	µg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1.00E+00	µg/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	MP7A	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.9	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	MP7A	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.9	—	—	1.00E+00	µg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	35.2	—	—	3.00E+01	µg/L	J	J	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	UN	UJ	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	06/16/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	103	—	—	3.00E+01	µg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	33.3	—	—	3.00E+01	µg/L	J	U	10-4757	CAWA-10-25865	GELC
R-25	1232	MP7A	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	UN	UJ	10-2709	CAWA-10-15196	GELC
R-25	1232	MP7A	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-218	CAWA-09-14186	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.739	—	—	1.70E-01	µg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.652	—	—	1.00E-01	µg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.843	—	—	1.00E-01	µg/L	—	U	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.789	—	—	1.00E-01	µg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	06/16/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.776	—	—	1.70E-01	µg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.657	—	—	1.00E-01	µg/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	MP7A	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.899	—	—	1.00E-01	µg/L	—	U	10-2709	CAWA-10-15196	GELC
R-25	1232	MP7A	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.843	—	—	1.00E-01	µg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	5.00E-01	µg/L	J	J	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.549	—	—	5.00E-01	µg/L	J	J	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.741	—	—	5.00E-01	µg/L	J	J	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.914	—	—	5.00E-01	µg/L	J	J	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	06/16/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.762	—	—	5.00E-01	µg/L	J	J	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.19	—	—	5.00E-01	µg/L	J	J	10-4757	CAWA-10-25865	GELC
R-25	1232	MP7A	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.992	—	—	5.00E-01	µg/L	J	J	10-2709	CAWA-10-15196	GELC
R-25	1232	MP7A	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.89	—	—	5.00E-01	µg/L	J	J	10-218	CAWA-09-14186	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.5	—	—	5.30E-02	mg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	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	MP7A	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	MP7A	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	MP7A	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	MP7A	1606	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.9	—	—	1.00E+00	µg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57	—	—	1.00E+00	µg/L	—	—	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.5	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.7	—	—	1.00E+00	µg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	06/16/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.2	—	—	1.00E+00	µg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1.00E+00	µg/L	—	—	10-4757	CAWA-10-25865	GELC
R-25	1232	MP7A	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	MP7A	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.1	—	—	1.00E+00	µg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.389	—	—	6.70E-02	µg/L	—	—	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.563	—	—	5.00E-02	µg/L	—	U	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.388	—	—	5.00E-02	µg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.413	—	—	5.00E-02	µg/L	—	—	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	06/16/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.403	—	—	6.70E-02	µg/L	—	—	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.563	—	—	5.00E-02	µg/L	—	U	10-4757	CAWA-10-25865	GELC
R-25	1232	MP7A	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.388	—	—	5.00E-02	µg/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	MP7A	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.397	—	—	5.00E-02	µg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.45	—	—	1.00E+00	µg/L	J	J	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1.00E+00	µg/L	J	J	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.01	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.59	—	—	1.00E+00	µg/L	—	U	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	06/16/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.19	—	—	1.00E+00	µg/L	J	J	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.94	—	—	1.00E+00	µg/L	J	J	10-4757	CAWA-10-25865	GELC
R-25	1232	MP7A	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.15	—	—	1.00E+00	µg/L	—	—	10-2709	CAWA-10-15196	GELC
R-25	1232	MP7A	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.74	—	—	1.00E+00	µg/L	—	U	10-218	CAWA-09-14186	GELC
R-25	1232	MP7A	1606	06/16/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.69	—	—	3.30E+00	µg/L	J	J	11-2683	CAWA-11-14002	GELC
R-25	1232	MP7A	1606	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.42	—	—	3.30E+00	µg/L	J	J	10-4757	CAWA-10-25867	GELC
R-25	1232	MP7A	1606	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.86	—	—	3.30E+00	µg/L	J	J	10-2709	CAWA-10-15194	GELC
R-25	1232	MP7A	1606	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.01	—	—	3.30E+00	µg/L	J	J	10-218	CAWA-09-14187	GELC
R-25	1232	MP7A	1606	06/16/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.9	—	—	3.30E+00	µg/L	J	J	11-2683	CAWA-11-14004	GELC
R-25	1232	MP7A	1606	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.09	—	—	3.30E+00	µg/L	J	J	10-4757	CAWA-10-25865	GELC
R-25	1232	MP7A	1606	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.16	—	—	3.30E+00	µg/L	J	J	10-2709	CAWA-10-15196	GELC
R-25	1232	MP7A	1606	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.4	—	—	3.30E+00	µg/L	—	—	10-218	CAWA-09-14186	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.8	—	—	7.30E-01	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	5.00E-02	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	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	MP8A	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1282	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	6.60E-02	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	—	0.00772	—	—	1.50E-03	mg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	1796	09/24/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	UJ	10-4757	CAWA-10-25885	GELC
R-25	1282	MP8A	1796	04/09/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-2717	CAWA-10-15198	GELC
R-25	1282	MP8A	1796	10/20/09	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	MP8A	1796	04/03/08	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.005	—	—	1.50E-03	mg/L	U	U	08-930	CAWA-08-11686	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.144	—	—	3.30E-02	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.8	—	—	4.50E-01	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.8	—	—	4.50E-01	mg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	1.10E-01	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.15	—	—	1.10E-01	mg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.413	—	—	5.00E-02	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.277	—	—	5.00E-02	µg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.26	—	—	5.00E-02	µg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	5.00E-02	µg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	5.00E-02	µg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	5.00E-02	µg/L	—	J	09-1355	CAWA-09-5655	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1282	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.72	—	—	1.00E-01	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.45	—	—	1.00E-01	mg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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
R-25	1282	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	µS/cm	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	µS/cm	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	µS/cm	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	µS/cm	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	µS/cm	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.62	—	—	1.00E-01	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	117	—	—	2.40E+00	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.122	—	—	1.50E-02	mg/L	—	J	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J-	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.9	—	—	1.00E+00	µg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40	—	—	1.00E+00	µg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.3	—	—	1.00E+00	µg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.3	—	—	1.00E+00	µg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32	—	—	1.00E+00	µg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	MP8A	1796	06/17/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.2	—	—	1.00E+00	µg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.6	—	—	1.00E+00	µg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	MP8A	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.3	—	—	1.00E+00	µg/L	—	—	10-2717	CAWA-10-15198	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1282	MP8A	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.4	—	—	1.00E+00	µg/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	MP8A	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.3	—	—	1.00E+00	µg/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.4	—	—	1.50E+01	µg/L	J	J	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	13.2	—	—	1.00E+01	µg/L	J	J	09-1355	CAWA-09-5655	GELC
R-25	1282	MP8A	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-4757	CAWA-10-25885	GELC
R-25	1282	MP8A	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-2717	CAWA-10-15198	GELC
R-25	1282	MP8A	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-218	CAWA-09-14191	GELC
R-25	1282	MP8A	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	11.7	—	—	1.00E+01	µg/L	J	J	09-1355	CAWA-09-5656	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.708	—	—	1.00E-01	µg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.849	—	—	1.00E-01	µg/L	—	U	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.843	—	—	1.00E-01	µg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.906	—	—	1.00E-01	µg/L	—	U	09-1355	CAWA-09-5655	GELC
R-25	1282	MP8A	1796	06/17/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.70E-01	µg/L	—	J	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	1.00E-01	µg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	MP8A	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	µg/L	—	U	10-2717	CAWA-10-15198	GELC
R-25	1282	MP8A	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.847	—	—	1.00E-01	µg/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	MP8A	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.945	—	—	1.00E-01	µg/L	—	U	09-1355	CAWA-09-5656	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.578	—	—	5.00E-01	µg/L	J	J	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.772	—	—	5.00E-01	µg/L	J	J	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.22	—	—	5.00E-01	µg/L	J	J	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.68	—	—	5.00E-01	µg/L	J	J	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.67	—	—	5.00E-01	µg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	MP8A	1796	06/17/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.92	—	—	5.00E-01	µg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.74	—	—	5.00E-01	µg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	MP8A	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.65	—	—	5.00E-01	µg/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	MP8A	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.738	—	—	5.00E-01	µg/L	J	J	10-218	CAWA-09-14191	GELC
R-25	1282	MP8A	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.96	—	—	5.00E-01	µg/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.2	—	—	5.30E-02	mg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	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	MP8A	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	MP8A	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	MP8A	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	MP8A	1796	06/17/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.8	—	—	1.00E+00	µg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.7	—	—	1.00E+00	µg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.3	—	—	1.00E+00	µg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.9	—	—	1.00E+00	µg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.5	—	—	1.00E+00	µg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	MP8A	1796	06/17/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.9	—	—	1.00E+00	µg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.2	—	—	1.00E+00	µg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	MP8A	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	86.5	—	—	1.00E+00	µg/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	MP8A	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	87.3	—	—	1.00E+00	µg/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	MP8A	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.2	—	—	1.00E+00	µg/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.431	—	—	6.70E-02	µg/L	—	—	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.58	—	—	5.00E-02	µg/L	—	U	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.382	—	—	5.00E-02	µg/L	—	U	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.422	—	—	5.00E-02	µg/L	—	—	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.528	—	—	5.00E-02	µg/L	—	J	09-1355	CAWA-09-5655	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-25	1282	MP8A	1796	06/17/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.466	—	—	6.70E-02	µg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.622	—	—	5.00E-02	µg/L	—	U	10-4757	CAWA-10-25885	GELC
R-25	1282	MP8A	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.433	—	—	5.00E-02	µg/L	—	U	10-2717	CAWA-10-15198	GELC
R-25	1282	MP8A	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.426	—	—	5.00E-02	µg/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	MP8A	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.524	—	—	5.00E-02	µg/L	—	J	09-1355	CAWA-09-5656	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.74	—	—	1.00E+00	µg/L	J	J	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5	—	—	1.00E+00	µg/L	—	—	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.29	—	—	1.00E+00	µg/L	—	—	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.69	—	—	1.00E+00	µg/L	—	U	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.09	—	—	1.00E+00	µg/L	—	—	09-1355	CAWA-09-5655	GELC
R-25	1282	MP8A	1796	06/17/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.48	—	—	1.00E+00	µg/L	J	J	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	µg/L	J	J	10-4757	CAWA-10-25885	GELC
R-25	1282	MP8A	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.61	—	—	1.00E+00	µg/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	MP8A	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.55	—	—	1.00E+00	µg/L	—	U	10-218	CAWA-09-14191	GELC
R-25	1282	MP8A	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.37	—	—	1.00E+00	µg/L	—	—	09-1355	CAWA-09-5656	GELC
R-25	1282	MP8A	1796	06/17/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.27	—	—	3.30E+00	µg/L	J	J	11-2697	CAWA-11-14008	GELC
R-25	1282	MP8A	1796	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-4757	CAWA-10-25887	GELC
R-25	1282	MP8A	1796	04/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-2717	CAWA-10-15197	GELC
R-25	1282	MP8A	1796	10/20/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-218	CAWA-09-14189	GELC
R-25	1282	MP8A	1796	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.33	—	—	2.00E+00	µg/L	J	U	09-1355	CAWA-09-5655	GELC
R-25	1282	MP8A	1796	06/17/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	14.3	—	—	3.30E+00	µg/L	—	—	11-2697	CAWA-11-14007	GELC
R-25	1282	MP8A	1796	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.4	—	—	3.30E+00	µg/L	—	—	10-4757	CAWA-10-25885	GELC
R-25	1282	MP8A	1796	04/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	14.8	—	—	3.30E+00	µg/L	—	—	10-2717	CAWA-10-15198	GELC
R-25	1282	MP8A	1796	10/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.3	—	—	3.30E+00	µg/L	—	—	10-218	CAWA-09-14191	GELC
R-25	1282	MP8A	1796	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	µg/L	—	U	09-1355	CAWA-09-5656	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48.7	—	—	7.30E-01	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.2	—	—	7.30E-01	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.2	—	—	7.30E-01	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48.7	—	—	7.30E-01	mg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48.7	—	—	7.30E-01	mg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48.7	—	—	7.30E-01	mg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.24	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.28	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.13	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.2	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.94	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.18	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.33	—	—	6.60E-02	mg/L	—	—	11-2603	CAWA-11-7012	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.34	—	—	6.60E-02	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.33	—	—	6.60E-02	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.136	—	—	3.30E-02	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.15	—	—	3.30E-02	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.149	—	—	3.30E-02	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.9	—	—	4.50E-01	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.8	—	—	4.50E-01	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.2	—	—	4.50E-01	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.6	—	—	4.50E-01	mg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.5	—	—	4.50E-01	mg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.3	—	—	4.50E-01	mg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	1.10E-01	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	1.10E-01	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	1.10E-01	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	1.10E-01	mg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	1.10E-01	mg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	1.10E-01	mg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.415	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.408	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.407	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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
R-26	1421	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.24	—	—	5.00E-02	µg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.23	—	—	5.00E-02	µg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.262	—	—	5.00E-02	µg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.226	—	—	5.00E-02	µg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.223	—	—	5.00E-02	µg/L	—	—	10-2667	CAWA-10-15145	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	5.00E-02	µg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.35	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.25	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.27	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.31	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.24	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.33	—	—	5.00E-02	mg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.43	—	—	1.00E-01	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.41	—	—	1.00E-01	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.32	—	—	1.00E-01	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.35	—	—	1.00E-01	mg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.11	—	—	1.00E-01	mg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.3	—	—	1.00E-01	mg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	103	—	—	1.00E+00	µS/cm	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	105	—	—	1.00E+00	µS/cm	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	103	—	—	1.00E+00	µS/cm	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	98.7	—	—	1.00E+00	µS/cm	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	97.5	—	—	1.00E+00	µS/cm	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	101	—	—	1.00E+00	µS/cm	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	105	—	—	1.00E+00	µS/cm	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	103	—	—	1.00E+00	µS/cm	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	103	—	—	1.00E+00	µS/cm	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	99.8	—	—	1.00E+00	µS/cm	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.39	—	—	1.00E-01	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.39	—	—	1.00E-01	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.41	—	—	1.00E-01	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	99	—	—	2.40E+00	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	101	—	—	2.40E+00	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-26	1421	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.151	—	—	3.50E-02	mg/L	—	—	11-2602	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.111	—	—	3.50E-02	mg/L	—	—	11-2602	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.0682	—	—	3.50E-02	mg/L	J	J	11-2602	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.159	—	—	3.50E-02	mg/L	—	—	11-2602	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.0573	—	—	3.50E-02	mg/L	J	J	11-2602	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.50E-02	mg/L	U	U	11-2602	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-2667	CAWA-10-15144	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-192	CAWA-09-14134	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	09-1381	CAWA-09-5610	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.626	—	—	3.30E-01	mg/L	J	J	11-2602	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.489	—	—	3.30E-01	mg/L	J	J	11-2602	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.402	—	—	3.30E-01	mg/L	J	J	11-2602	CAWA-11-6897	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.85	—	—	1.00E-02	SU	H	J-	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	1.00E-02	SU	H	J-	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.96	—	—	1.70E+00	µg/L	J	J	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.70E+00	µg/L	U	U	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2	—	—	1.70E+00	µg/L	J	J	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	10-2667	CAWA-10-15145	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	09-1382	CAWA-09-5609	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.14	—	—	1.70E+00	µg/L	J	J	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.70E+00	µg/L	U	U	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	10-2667	CAWA-10-15144	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	10-193	CAWA-09-14134	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	09-1382	CAWA-09-5610	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.95	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.92	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.94	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.96	—	—	1.00E+00	µg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.69	—	—	1.00E+00	µg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.37	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.71	—	—	1.00E+00	µg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.04	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.85	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.11	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.26	—	—	1.00E+00	µg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10	—	—	1.00E+00	µg/L	—	—	10-2667	CAWA-10-15144	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-26	1421	MP1A	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.88	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.62	—	—	1.00E+00	µg/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-2667	CAWA-10-15145	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	µg/L	U	U	09-1382	CAWA-09-5609	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	84.6	—	—	3.00E+01	µg/L	J	J	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	76.6	—	—	3.00E+01	µg/L	J	J	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	58.4	—	—	3.00E+01	µg/L	J	J	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-2667	CAWA-10-15144	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	49.3	—	—	3.00E+01	µg/L	J	U	10-193	CAWA-09-14134	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	28.7	—	—	2.50E+01	µg/L	J	J	09-1382	CAWA-09-5610	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.41	—	—	2.00E+00	µg/L	J	J	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.9	—	—	2.00E+00	µg/L	J	J	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.78	—	—	2.00E+00	µg/L	J	J	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	10-2667	CAWA-10-15145	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	09-1382	CAWA-09-5609	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.08	—	—	2.00E+00	µg/L	J	J	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.13	—	—	2.00E+00	µg/L	J	J	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.28	—	—	2.00E+00	µg/L	J	J	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.56	—	—	2.00E+00	µg/L	B	J	10-2667	CAWA-10-15144	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.03	—	—	2.00E+00	µg/L	J	J	10-193	CAWA-09-14134	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	09-1382	CAWA-09-5610	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.92	—	—	1.70E-01	µg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.926	—	—	1.70E-01	µg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.909	—	—	1.70E-01	µg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	1.00E-01	µg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.782	—	—	1.00E-01	µg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.00E-01	µg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.912	—	—	1.00E-01	µg/L	—	J	09-1382	CAWA-09-5609	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.941	—	—	1.70E-01	µg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.94	—	—	1.70E-01	µg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.921	—	—	1.70E-01	µg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	1.00E-01	µg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.93	—	—	1.00E-01	µg/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.969	—	—	1.00E-01	µg/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.929	—	—	1.00E-01	µg/L	—	J	09-1382	CAWA-09-5610	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.69	—	—	5.00E-01	µg/L	J	J	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	10-2667	CAWA-10-15145	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	09-1382	CAWA-09-5609	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.727	—	—	5.00E-01	µg/L	J	J	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.712	—	—	5.00E-01	µg/L	J	J	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.578	—	—	5.00E-01	µg/L	J	J	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.859	—	—	5.00E-01	µg/L	J	J	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.966	—	—	5.00E-01	µg/L	B	J	10-2667	CAWA-10-15144	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	10-193	CAWA-09-14134	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	09-1382	CAWA-09-5610	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59	—	—	5.30E-02	mg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.2	—	—	5.30E-02	mg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.9	—	—	5.30E-02	mg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	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	MP1A	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	MP1A	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	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.2	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.7	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.8	—	—	1.00E+00	µg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.4	—	—	1.00E+00	µg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.6	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.7	—	—	1.00E+00	µg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.6	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.1	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.7	—	—	1.00E+00	µg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.7	—	—	1.00E+00	µg/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.1	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.5	—	—	1.00E+00	µg/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.2	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-7012	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.67	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6957	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6896	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.97	—	—	1.00E+00	µg/L	—	—	10-4174	CAWA-10-24738	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.81	—	—	1.00E+00	µg/L	—	—	10-2667	CAWA-10-15145	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.92	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14131	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	µg/L	—	—	09-1382	CAWA-09-5609	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.34	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.02	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.99	—	—	1.00E+00	µg/L	—	—	11-2603	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.19	—	—	1.00E+00	µg/L	—	—	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.36	—	—	1.00E+00	µg/L	—	—	10-2667	CAWA-10-15144	GELC
R-26	1421	MP1A	659.3	10/19/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.84	—	—	1.00E+00	µg/L	—	—	10-193	CAWA-09-14134	GELC
R-26	1421	MP1A	659.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.27	—	—	1.00E+00	µg/L	—	—	09-1382	CAWA-09-5610	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	2.48	—	—	2.50E-01	µg/L	—	—	11-2602	CAWA-11-7011	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	1.75	—	—	2.50E-01	µg/L	—	—	11-2602	CAWA-11-6953	GELC
R-26	1421	MP1A	659.3	06/01/11	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	—	0.51	—	—	2.50E-01	µg/L	J	J	11-2602	CAWA-11-6897	GELC
R-26	1421	MP1A	659.3	08/13/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	µg/L	U	U	10-4174	CAWA-10-24737	GELC
R-26	1421	MP1A	659.3	04/02/10	WG	UF	CS	—	VOA	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	µg/L	U	U	10-2667	CAWA-10-15144	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.8	—	—	7.30E-01	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48	—	—	7.30E-01	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.4	—	—	7.30E-01	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-27i	8911	Single	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	Single	619	06/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.67	—	—	5.00E-02	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.71	—	—	5.00E-02	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.48	—	—	5.00E-02	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.85	—	—	5.00E-02	mg/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.46	—	—	5.00E-02	mg/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.48	—	—	5.00E-02	mg/L	—	—	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.33	—	—	6.60E-02	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.4	—	—	6.60E-02	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.3	—	—	6.60E-02	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	—	0.0203	—	—	1.50E-03	mg/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.50E-03	mg/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	UJ	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	Single	619	04/15/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.167	—	—	3.30E-02	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.214	—	—	3.30E-02	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.177	—	—	3.30E-02	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.9	—	—	4.50E-01	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.8	—	—	4.50E-01	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.2	—	—	3.50E-01	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.6	—	—	4.50E-01	mg/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.9	—	—	4.50E-01	mg/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.2	—	—	3.50E-01	mg/L	—	—	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.5	—	—	1.10E-01	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.45	—	—	1.10E-01	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.43	—	—	8.50E-02	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.55	—	—	1.10E-01	mg/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.38	—	—	1.10E-01	mg/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.43	—	—	8.50E-02	mg/L	—	—	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.127	—	—	5.00E-02	µg/L	J	J	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.13	—	—	5.00E-02	µg/L	J	J	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.117	—	—	5.00E-02	µg/L	J	J	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.134	—	—	5.00E-02	µg/L	J	J	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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.118	—	—	5.00E-02	µg/L	J	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.92	—	—	5.00E-02	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.931	—	—	5.00E-02	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.88	—	—	5.00E-02	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.958	—	—	5.00E-02	mg/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.963	—	—	5.00E-02	mg/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.939	—	—	5.00E-02	mg/L	—	—	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.99	—	—	1.00E-01	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.97	—	—	1.00E-01	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.7	—	—	1.00E-01	mg/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.94	—	—	1.00E-01	mg/L	—	—	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	101	—	—	1.00E+00	µS/cm	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	100	—	—	1.00E+00	µS/cm	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	103	—	—	1.00E+00	µS/cm	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	102	—	—	1.00E+00	µS/cm	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	102	—	—	1.00E+00	µS/cm	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.86	—	—	1.00E-01	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.87	—	—	1.00E-01	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.84	—	—	1.00E-01	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	110	—	—	2.40E+00	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	114	—	—	2.40E+00	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.40E+00	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.36	—	—	1.00E-02	SU	H	J-	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J-	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	J-	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.1	—	—	1.00E+00	µg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10	—	—	1.00E+00	µg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10	—	—	1.00E+00	µg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.6	—	—	1.00E+00	µg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	11.5	—	—	1.00E+00	µg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.1	—	—	1.00E+00	µg/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.82	—	—	1.00E+00	µg/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.98	—	—	1.00E+00	µg/L	—	—	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.5	—	—	1.00E+00	µg/L	—	—	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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-27i	8911	Single	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.5	—	—	1.00E+00	µg/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.13	—	—	2.00E+00	µg/L	J	J	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.00E+00	µg/L	U	U	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-4665	CAWA-10-25904	GELC
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.44	—	—	2.00E+00	µg/L	J	J	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.00E+00	µg/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-4665	CAWA-10-25906	GELC
R-27i	8911	Single	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2803	CAWA-10-15169	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.63	—	—	1.70E-01	µg/L	—	J	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.53	—	—	1.70E-01	µg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.65	—	—	1.00E-01	µg/L	—	U	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	1.00E-01	µg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.42	—	—	1.00E-01	µg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.72	—	—	1.70E-01	µg/L	—	J	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.49	—	—	1.70E-01	µg/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.56	—	—	1.00E-01	µg/L	—	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.56	—	—	1.00E-01	µg/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	Single	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	µg/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	µg/L	J	J	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.615	—	—	5.00E-01	µg/L	J	J	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.787	—	—	5.00E-01	µg/L	J	J	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	10-4665	CAWA-10-25904	GELC
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.749	—	—	5.00E-01	µg/L	J	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.521	—	—	5.00E-01	µg/L	J	J	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.549	—	—	5.00E-01	µg/L	J	J	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.751	—	—	5.00E-01	µg/L	J	J	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.894	—	—	5.00E-01	µg/L	J	J	10-4665	CAWA-10-25906	GELC
R-27i	8911	Single	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.67	—	—	5.00E-01	µg/L	J	J	10-2803	CAWA-10-15169	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.8	—	—	5.30E-02	mg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.3	—	—	5.30E-02	mg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.6	—	—	5.30E-02	mg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.8	—	—	1.00E+00	µg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.5	—	—	1.00E+00	µg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.5	—	—	1.00E+00	µg/L	—	—	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.8	—	—	1.00E+00	µg/L	—	—	10-4665	CAWA-10-25904	GELC
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.6	—	—	1.00E+00	µg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.6	—	—	1.00E+00	µg/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.5	—	—	1.00E+00	µg/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.4	—	—	1.00E+00	µg/L	—	—	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.6	—	—	1.00E+00	µg/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	Single	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.3	—	—	1.00E+00	µg/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.263	—	—	6.70E-02	µg/L	—	—	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.264	—	—	6.70E-02	µg/L	—	—	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.297	—	—	5.00E-02	µg/L	—	U	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.276	—	—	5.00E-02	µg/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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.252	—	—	5.00E-02	µg/L	—	—	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.277	—	—	6.70E-02	µg/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.275	—	—	6.70E-02	µg/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.289	—	—	5.00E-02	µg/L	—	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.289	—	—	5.00E-02	µg/L	—	—	10-4665	CAWA-10-25906	GELC
R-27i	8911	Single	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.245	—	—	5.00E-02	µg/L	—	—	10-2803	CAWA-10-15169	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.43	—	—	1.00E+00	µg/L	J	J	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.33	—	—	1.00E+00	µg/L	J	J	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.45	—	—	1.00E+00	µg/L	J	J	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.63	—	—	1.00E+00	µg/L	J	J	10-4665	CAWA-10-25904	GELC
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.47	—	—	1.00E+00	µg/L	J	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.32	—	—	1.00E+00	µg/L	J	J	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.67	—	—	1.00E+00	µg/L	J	J	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.92	—	—	1.00E+00	µg/L	J	J	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.59	—	—	1.00E+00	µg/L	J	J	10-4665	CAWA-10-25906	GELC
R-27i	8911	Single	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.64	—	—	1.00E+00	µg/L	J	J	10-2803	CAWA-10-15169	GELC
R-27i	8911	Single	619	06/20/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.27	—	—	3.30E+00	µg/L	J	J	11-2716	CAWA-11-13981	GELC
R-27i	8911	Single	619	04/04/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	11-1909	CAWA-11-5321	GELC
R-27i	8911	Single	619	12/01/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	11-765	CAWA-11-2115	GELC
R-27i	8911	Single	619	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.84	—	—	3.30E+00	µg/L	J	J	10-4665	CAWA-10-25904	GELC
R-27i	8911	Single	619	04/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.01	—	—	3.30E+00	µg/L	J	J	10-2803	CAWA-10-15168	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.22	—	—	3.30E+00	µg/L	J	J	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	619	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.22	—	—	3.30E+00	µg/L	J	J	10-4665	CAWA-10-25906	GELC
R-27i	8911	Single	619	04/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.67	—	—	3.30E+00	µg/L	J	J	10-2803	CAWA-10-15169	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	0.834	2.00E+00	1.90E+01	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00245	1.80E-03	2.60E-02	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-4.02	2.33E+00	2.30E+01	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00366	1.23E-03	3.00E-02	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00473	9.33E-04	2.90E-02	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	12.6	6.00E+00	6.10E+01	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	6.61	1.43E+00	1.10E+01	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	2.04	4.33E-01	4.90E+00	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.53	5.33E-01	4.30E+00	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.63	4.33E-01	4.40E+00	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.705	6.33E-01	6.00E+00	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.986	6.00E-01	6.20E+00	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.2	4.67E-01	3.90E+00	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.32	6.33E-01	6.70E+00	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.2	2.53E-01	2.30E+00	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.343	1.53E-01	1.80E+00	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.195	1.70E-01	2.20E+00	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-27i	8911	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.237	2.53E-01	2.80E+00	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.36	2.00E-01	2.40E+00	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.99	3.07E-01	2.10E+00	—	pCi/L	—	—	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	2.44	1.37E+00	9.50E+00	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	6.26	1.17E+00	1.20E+01	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0046	1.87E-03	2.80E-02	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00943	1.77E-03	3.10E-02	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00742	2.77E-03	2.10E-02	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0069	1.73E-03	4.20E-02	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00472	1.93E-03	4.60E-02	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00185	1.63E-03	3.80E-02	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.41	5.33E+00	5.80E+01	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-14	6.00E+00	5.80E+01	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.9	7.67E+00	8.20E+01	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-113	5.67E+01	5.10E+02	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.193	4.67E-01	4.60E+00	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.12	4.67E-01	4.40E+00	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.03	6.67E-01	6.10E+00	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.234	5.00E-02	4.90E-01	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0251	4.33E-02	5.00E-01	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.253	4.00E-02	4.80E-01	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-0.434	4.67E-01	4.50E+00	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-94.8	2.43E+01	2.40E+02	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.165	9.67E-03	9.60E-02	—	pCi/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.175	9.67E-03	4.60E-02	—	pCi/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.175	8.67E-03	5.70E-02	—	pCi/L	—	—	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-4.14	3.33E+00	3.20E+01	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	06/20/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00859	2.03E-03	5.50E-02	—	pCi/L	U	U	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.37E-03	3.80E-02	—	pCi/L	U	U	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00667	2.23E-03	3.70E-02	—	pCi/L	U	U	11-765	CAWA-11-2116	GELC
R-27i	8911	Single	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
R-27i	8911	Single	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	Single	619	06/20/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0904	7.00E-03	4.30E-02	—	pCi/L	—	—	11-2716	CAWA-11-13980	GELC
R-27i	8911	Single	619	04/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.104	7.00E-03	5.10E-02	—	pCi/L	—	—	11-1909	CAWA-11-5320	GELC
R-27i	8911	Single	619	12/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.108	6.67E-03	3.70E-02	—	pCi/L	—	—	11-765	CAWA-11-2116	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-27i	8911	Single	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	Single	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-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.8	—	—	7.30E-01	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.3	—	—	7.30E-01	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.6	—	—	7.30E-01	mg/L	H	J-	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.4	—	—	7.30E-01	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.0841	—	—	6.60E-02	mg/L	J	J	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0708	—	—	6.60E-02	mg/L	J	J	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0721	—	—	6.60E-02	mg/L	J	J	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	J	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	J	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.95	—	—	5.00E-02	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	J	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	5.00E-02	mg/L	—	J	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2.6	—	—	6.60E-02	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.65	—	—	6.60E-02	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.73	—	—	6.60E-02	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.88	—	—	6.60E-02	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Geninorg	EPA:335.4	Cyanide (Total)	—	0.00616	—	—	1.50E-03	mg/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	—	0.00819	—	—	1.50E-03	mg/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.50E-03	mg/L	U	U	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	UJ	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	<	0.005	—	—	1.70E-03	mg/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.153	—	—	3.30E-02	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.152	—	—	3.30E-02	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.177	—	—	3.30E-02	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.153	—	—	3.30E-02	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	35.9	—	—	4.50E-01	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37	—	—	4.50E-01	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.8	—	—	4.50E-01	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.3	—	—	3.50E-01	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	35.9	—	—	4.50E-01	mg/L	—	—	11-2728	CAWA-11-13977	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	4.50E-01	mg/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	4.50E-01	mg/L	—	—	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36	—	—	3.50E-01	mg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.5	—	—	1.10E-01	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.59	—	—	1.10E-01	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.41	—	—	1.10E-01	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.44	—	—	8.50E-02	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.5	—	—	1.10E-01	mg/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.64	—	—	1.10E-01	mg/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.41	—	—	1.10E-01	mg/L	—	—	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.54	—	—	8.50E-02	mg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.381	—	—	5.00E-02	mg/L	—	J-	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.323	—	—	5.00E-02	mg/L	—	J-	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.384	—	—	5.00E-02	mg/L	—	J	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.254	—	—	5.00E-02	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.254	—	—	5.00E-02	µg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.246	—	—	5.00E-02	µg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.235	—	—	5.00E-02	µg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	5.00E-02	µg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.272	—	—	5.00E-02	µg/L	—	J+	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.231	—	—	5.00E-02	µg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	0.527	—	—	5.00E-02	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.529	—	—	5.00E-02	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.567	—	—	5.00E-02	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.588	—	—	5.00E-02	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	0.521	—	—	5.00E-02	mg/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.563	—	—	5.00E-02	mg/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.589	—	—	5.00E-02	mg/L	—	—	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.563	—	—	5.00E-02	mg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	16.5	—	—	1.00E-01	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	1.00E-01	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	1.00E-01	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.2	—	—	1.00E-01	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	1.00E-01	mg/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	1.00E-01	mg/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.1	—	—	1.00E-01	mg/L	—	—	11-1969	CAWA-11-5375	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	1.00E-01	mg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	µS/cm	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	µS/cm	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1.00E+00	µS/cm	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	161	—	—	1.00E+00	µS/cm	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	150	—	—	1.00E+00	µS/cm	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	6.49	—	—	1.00E-01	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.55	—	—	1.00E-01	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.1	—	—	1.00E-01	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.89	—	—	1.00E-01	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.40E+00	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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
R-47i	8921	Single	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	Single	840	06/21/11	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.52	—	—	1.00E-02	SU	H	J-	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.5	—	—	1.00E-02	SU	H	J-	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.5	—	—	1.00E-02	SU	H	J-	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	1.00E-02	SU	H	J-	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6020	Arsenic	—	3.04	—	—	1.70E+00	µg/L	J	J	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.56	—	—	1.70E+00	µg/L	J	J	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.70E+00	µg/L	U	U	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.54	—	—	1.50E+00	µg/L	J	U	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	2.43	—	—	1.70E+00	µg/L	J	J	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.62	—	—	1.70E+00	µg/L	J	J	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.70E+00	µg/L	U	U	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	µg/L	U	U	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	4.48	—	—	1.50E+00	µg/L	J	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	7.73	—	—	1.00E+00	µg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.73	—	—	1.00E+00	µg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.14	—	—	1.00E+00	µg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.88	—	—	1.00E+00	µg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.48	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.1	—	—	1.00E+00	µg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	7.8	—	—	1.00E+00	µg/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.74	—	—	1.00E+00	µg/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.72	—	—	1.00E+00	µg/L	—	—	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.79	—	—	1.00E+00	µg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.02	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.3	—	—	1.00E+00	µg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	15.8	—	—	1.50E+01	µg/L	J	J	11-2728	CAWA-11-13976	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.50E+01	µg/L	J	J	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.50E+01	µg/L	J	J	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	16.1	—	—	1.50E+01	µg/L	J	J	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	1.50E+01	µg/L	J	J	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	µg/L	U	U	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.3	—	—	1.50E+01	µg/L	J	J	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	2.57	—	—	2.00E+00	µg/L	J	J	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.82	—	—	2.00E+00	µg/L	J	J	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.66	—	—	2.00E+00	µg/L	J	J	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.64	—	—	2.50E+00	µg/L	J	J	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	2.79	—	—	2.00E+00	µg/L	J	J	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.64	—	—	2.00E+00	µg/L	J	J	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.29	—	—	2.00E+00	µg/L	J	J	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.73	—	—	2.50E+00	µg/L	J	J	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.79	—	—	2.50E+00	µg/L	J	J	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	85.2	—	—	3.00E+01	µg/L	J	J	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	41.6	—	—	3.00E+01	µg/L	J	J	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	42.9	—	—	3.00E+01	µg/L	J	J+	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	64.7	—	—	3.00E+01	µg/L	J	J	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	82.8	—	—	3.00E+01	µg/L	J	J	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	63.1	—	—	3.00E+01	µg/L	J	J	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	359	—	—	3.00E+01	µg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	68.2	—	—	3.00E+01	µg/L	J	J	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	214	—	—	3.00E+01	µg/L	—	J+	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	2.35	—	—	2.00E+00	µg/L	J	J	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.3	—	—	2.00E+00	µg/L	J	J	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	13.3	—	—	2.00E+00	µg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	31.6	—	—	2.00E+00	µg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	64.6	—	—	2.00E+00	µg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	2.07	—	—	2.00E+00	µg/L	J	J	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.17	—	—	2.00E+00	µg/L	J	J	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.69	—	—	2.00E+00	µg/L	J	J	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	24.4	—	—	2.00E+00	µg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	32.8	—	—	2.00E+00	µg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	68.2	—	—	2.00E+00	µg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	2.76	—	—	1.70E-01	µg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.76	—	—	1.70E-01	µg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.08	—	—	1.70E-01	µg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.51	—	—	1.00E-01	µg/L	—	J	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.9	—	—	1.00E-01	µg/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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.09	—	—	1.00E-01	µg/L	—	J	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	2.67	—	—	1.70E-01	µg/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.63	—	—	1.70E-01	µg/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.24	—	—	1.70E-01	µg/L	—	—	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.77	—	—	1.00E-01	µg/L	—	J	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.92	—	—	1.00E-01	µg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.07	—	—	1.00E-01	µg/L	—	J	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	1.25	—	—	5.00E-01	µg/L	J	J	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.16	—	—	5.00E-01	µg/L	J	J	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.78	—	—	5.00E-01	µg/L	J	J	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.78	—	—	5.00E-01	µg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.58	—	—	5.00E-01	µg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.44	—	—	5.00E-01	µg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	1.25	—	—	5.00E-01	µg/L	J	J	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.17	—	—	5.00E-01	µg/L	J	J	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.22	—	—	5.00E-01	µg/L	—	—	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.93	—	—	5.00E-01	µg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	5.00E-01	µg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.9	—	—	5.00E-01	µg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	57.5	—	—	5.30E-02	mg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.9	—	—	5.30E-02	mg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.7	—	—	5.30E-02	mg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.2	—	—	5.30E-02	mg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	54.5	—	—	1.00E+00	µg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.6	—	—	1.00E+00	µg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.4	—	—	1.00E+00	µg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.7	—	—	1.00E+00	µg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.8	—	—	1.00E+00	µg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	54.5	—	—	1.00E+00	µg/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.6	—	—	1.00E+00	µg/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.7	—	—	1.00E+00	µg/L	—	—	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.4	—	—	1.00E+00	µg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.9	—	—	1.00E+00	µg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.9	—	—	1.00E+00	µg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.533	—	—	6.70E-02	µg/L	—	—	11-2728	CAWA-11-13976	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.529	—	—	6.70E-02	µg/L	—	—	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	6.70E-02	µg/L	—	—	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.774	—	—	5.00E-02	µg/L	—	—	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	µg/L	—	—	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.506	—	—	5.00E-02	µg/L	—	—	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.541	—	—	6.70E-02	µg/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.528	—	—	6.70E-02	µg/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.374	—	—	6.70E-02	µg/L	—	—	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.716	—	—	5.00E-02	µg/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.618	—	—	5.00E-02	µg/L	—	—	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.591	—	—	5.00E-02	µg/L	—	—	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.61	—	—	1.00E+00	µg/L	J	J	11-2728	CAWA-11-13976	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	8921	Single	840	06/21/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.33	—	—	1.00E+00	µg/L	J	J	11-2728	CAWA-11-13974	GELC
R-47i	8921	Single	840	04/07/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.36	—	—	1.00E+00	µg/L	J	J	11-1969	CAWA-11-5374	GELC
R-47i	8921	Single	840	12/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	µg/L	U	U	11-776	CAWA-11-2120	GELC
R-47i	8921	Single	840	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.24	—	—	1.00E+00	µg/L	J	J	10-4722	CAWA-10-25907	GELC
R-47i	8921	Single	840	04/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.21	—	—	1.00E+00	µg/L	J	J	10-2707	CAWA-10-15222	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.15	—	—	1.00E+00	µg/L	J	J	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.4	—	—	1.00E+00	µg/L	J	J	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.76	—	—	1.00E+00	µg/L	J	J	11-1969	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.18	—	—	1.00E+00	µg/L	J	J	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	840	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.31	—	—	1.00E+00	µg/L	J	J	10-4722	CAWA-10-25908	GELC
R-47i	8921	Single	840	04/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.46	—	—	1.00E+00	µg/L	J	J	10-2707	CAWA-10-15220	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Actinium-228	<	3.61	2.17E+00	1.90E+01	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-9.42	1.97E+00	1.70E+01	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.0118	1.87E-03	2.30E-02	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Americium-241	<	-32.9	3.33E+00	3.00E+01	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0066	2.33E-03	2.20E-02	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-2.34	1.93E+00	1.80E+01	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-2.13E-10	8.33E-04	2.90E-02	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00485	1.20E-03	2.90E-02	—	pCi/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Bismuth-212	<	-7.3	7.33E+00	6.20E+01	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	14.2	6.67E+00	6.60E+01	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Bismuth-214	<	9.72	1.20E+00	1.00E+01	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	7.99	1.67E+00	1.30E+01	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-134	<	-1.44	4.67E-01	4.30E+00	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	0.0871	4.67E-01	4.50E+00	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-1.17	5.00E-01	4.70E+00	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.752	4.33E-01	4.00E+00	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.202	4.33E-01	4.10E+00	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.33	6.00E-01	5.00E+00	—	pCi/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.524	4.67E-01	4.80E+00	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.29	4.33E-01	3.90E+00	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.842	5.00E-01	5.20E+00	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.336	5.00E-01	4.60E+00	—	pCi/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.346	1.50E-01	2.30E+00	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.932	2.20E-01	2.20E+00	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0143	1.00E-01	1.40E+00	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	11.4	7.00E-01	2.10E+00	—	pCi/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	3.57	3.33E-01	2.90E+00	—	pCi/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.652	2.40E-01	2.40E+00	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.581	2.87E-01	3.00E+00	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	13.7	6.33E-01	2.60E+00	—	pCi/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	8921	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Lead-212	<	2.09	1.33E+00	1.20E+01	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	1.29	1.20E+00	1.10E+01	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Lead-214	<	5.14	1.73E+00	1.40E+01	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	5.07	1.53E+00	1.20E+01	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00215	1.23E-03	3.20E-02	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00379	1.10E-03	2.90E-02	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00455	1.30E-03	3.00E-02	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	3.23E-03	2.30E-02	—	pCi/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0	2.27E-03	4.50E-02	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00379	1.27E-03	3.90E-02	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0114	2.27E-03	4.40E-02	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00198	1.13E-03	4.10E-02	—	pCi/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-20.8	5.67E+00	5.70E+01	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.45	5.67E+00	6.20E+01	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.5	5.67E+00	5.40E+01	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.1	6.33E+00	6.20E+01	—	pCi/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Protactinium-234m	<	-293	6.33E+01	5.60E+02	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-68	5.33E+01	5.20E+02	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	1.26	4.33E-01	4.80E+00	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.53	4.33E-01	3.80E+00	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.4	4.67E-01	4.50E+00	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0112	5.33E-01	4.80E+00	—	pCi/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.509	5.67E-02	5.10E-01	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.132	5.00E-02	5.20E-01	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.346	4.67E-02	5.40E-01	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0935	4.33E-02	4.60E-01	—	pCi/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Thallium-208	<	4.45	6.67E-01	4.20E+00	—	pCi/L	—	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-1.35	5.67E-01	5.40E+00	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Thorium-234	<	66.3	3.07E+01	3.10E+02	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-58.8	1.97E+01	1.90E+02	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.411	1.47E-02	5.40E-02	—	pCi/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.341	1.20E-02	4.50E-02	—	pCi/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.319	1.30E-02	4.20E-02	—	pCi/L	—	—	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.463	1.60E-02	5.30E-02	—	pCi/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	EPA:901.1	Uranium-235	<	16.3	4.00E+00	3.90E+01	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	0.311	3.67E+00	3.30E+01	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0151	2.27E-03	2.90E-02	—	pCi/L	U	U	11-2728	CAWA-11-13977	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.02	2.67E-03	2.40E-02	—	pCi/L	U	U	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0111	2.77E-03	3.40E-02	—	pCi/L	U	U	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0126	3.00E-03	3.50E-02	—	pCi/L	U	U	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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	Single	840	06/21/11	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.141	7.33E-03	3.20E-02	—	pCi/L	—	—	11-2728	CAWA-11-13977	GELC
R-47i	8921	Single	840	06/21/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.135	6.33E-03	2.70E-02	—	pCi/L	—	—	11-2728	CAWA-11-13973	GELC
R-47i	8921	Single	840	04/07/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.18	9.00E-03	4.60E-02	—	pCi/L	—	—	11-1968	CAWA-11-5375	GELC
R-47i	8921	Single	840	12/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.158	7.67E-03	3.50E-02	—	pCi/L	—	—	11-776	CAWA-11-2122	GELC
R-47i	8921	Single	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	Single	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-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.7	—	—	7.30E-01	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.2	—	—	7.30E-01	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.4	—	—	7.30E-01	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60	—	—	7.30E-01	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.82	—	—	5.00E-02	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	5.00E-02	mg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.85	—	—	5.00E-02	mg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.89	—	—	5.00E-02	mg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2.37	—	—	6.60E-02	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.42	—	—	6.60E-02	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.46	—	—	6.60E-02	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.32	—	—	6.60E-02	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.167	—	—	3.30E-02	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.159	—	—	3.30E-02	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.189	—	—	3.30E-02	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.17	—	—	3.30E-02	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	4.50E-01	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.6	—	—	4.50E-01	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	4.50E-01	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	3.50E-01	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	40.3	—	—	4.50E-01	mg/L	—	—	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.7	—	—	4.50E-01	mg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	4.50E-01	mg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.2	—	—	3.50E-01	mg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	1.10E-01	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.48	—	—	1.10E-01	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	1.10E-01	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.22	—	—	8.50E-02	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.49	—	—	1.10E-01	mg/L	—	—	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	1.10E-01	mg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.24	—	—	1.10E-01	mg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	8.50E-02	mg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.326	—	—	5.00E-02	mg/L	—	J-	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.79	—	—	5.00E-02	mg/L	—	J-	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.258	—	—	5.00E-02	mg/L	—	—	11-1812	CAWA-11-5384	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.258	—	—	5.00E-02	mg/L	—	J-	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.324	—	—	5.00E-02	µg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.314	—	—	5.00E-02	µg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.31	—	—	5.00E-02	µg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.299	—	—	5.00E-02	µg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.24	—	—	5.00E-02	mg/L	—	J	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.29	—	—	5.00E-02	mg/L	—	J	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	5.00E-02	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	J	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.29	—	—	5.00E-02	mg/L	—	J	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	1.00E-01	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.00E-01	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	1.00E-01	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	1.00E-01	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	1.00E-01	mg/L	—	—	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	1.00E-01	mg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.00E-01	mg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	1.00E-01	mg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	µS/cm	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	µS/cm	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	µS/cm	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	µS/cm	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.12	—	—	1.00E-01	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.15	—	—	1.00E-01	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.9	—	—	1.00E-01	mg/L	—	J+	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.17	—	—	1.00E-01	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	109	—	—	3.40E+00	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	110	—	—	3.40E+00	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	114	—	—	2.40E+00	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	117	—	—	2.40E+00	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.18	—	—	1.00E-02	SU	H	J-	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.15	—	—	1.00E-02	SU	H	J-	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J-	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	1.00E-02	SU	H	J-	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	96	—	—	6.80E+01	µg/L	J	J	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	124	—	—	6.80E+01	µg/L	J	J	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	346	—	—	6.80E+01	µg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Metals	SW-846:6020	Arsenic	—	2.39	—	—	1.70E+00	µg/L	J	J	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.66	—	—	1.70E+00	µg/L	J	J	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.70E+00	µg/L	U	U	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.70E+00	µg/L	U	U	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	2.35	—	—	1.70E+00	µg/L	J	J	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.04	—	—	1.70E+00	µg/L	J	J	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.07	—	—	1.70E+00	µg/L	J	J	11-1812	CAWA-11-5380	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.70E+00	µg/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	10.3	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.5	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.8	—	—	1.00E+00	µg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1.00E+00	µg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	10.4	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.8	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.8	—	—	1.00E+00	µg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.1	—	—	1.00E+00	µg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	33.1	—	—	3.00E+01	µg/L	J	J	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	59.9	—	—	3.00E+01	µg/L	J	U	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U*	U	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	91.1	—	—	3.00E+01	µg/L	J	J	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	119	—	—	3.00E+01	µg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	93.4	—	—	3.00E+01	µg/L	J	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	425	—	—	3.00E+01	µg/L	*	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	2.06	—	—	2.00E+00	µg/L	J	J	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.86	—	—	2.00E+00	µg/L	J	J	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.43	—	—	2.00E+00	µg/L	J	J	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	2.32	—	—	2.00E+00	µg/L	J	J	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.42	—	—	2.00E+00	µg/L	J	J	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2.00E+00	µg/L	J	J	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.38	—	—	2.00E+00	µg/L	J	J	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	2.42	—	—	1.70E-01	µg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.58	—	—	1.70E-01	µg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.63	—	—	1.70E-01	µg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.56	—	—	1.70E-01	µg/L	—	J	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	2.43	—	—	1.70E-01	µg/L	—	—	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.46	—	—	1.70E-01	µg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.43	—	—	1.70E-01	µg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.68	—	—	1.70E-01	µg/L	—	J	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	1.07	—	—	5.00E-01	µg/L	J	J	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.18	—	—	5.00E-01	µg/L	J	J	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.84	—	—	5.00E-01	µg/L	J	J	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.52	—	—	5.00E-01	µg/L	J	J	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	1.19	—	—	5.00E-01	µg/L	J	J	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	5.00E-01	µg/L	J	J	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	5.00E-01	µg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.04	—	—	5.00E-01	µg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	55.7	—	—	5.30E-02	mg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.1	—	—	5.30E-02	mg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.3	—	—	5.30E-02	mg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.8	—	—	5.30E-02	mg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55	—	—	1.00E+00	µg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.6	—	—	1.00E+00	µg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53	—	—	1.00E+00	µg/L	—	—	11-1812	CAWA-11-5380	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.7	—	—	1.00E+00	µg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.498	—	—	6.70E-02	µg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.54	—	—	6.70E-02	µg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.617	—	—	6.70E-02	µg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.622	—	—	6.70E-02	µg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.563	—	—	6.70E-02	µg/L	—	—	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.574	—	—	6.70E-02	µg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.664	—	—	6.70E-02	µg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.767	—	—	6.70E-02	µg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	11.1	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14014	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.2	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11	—	—	1.00E+00	µg/L	—	—	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	µg/L	—	—	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	11.4	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.3	—	—	1.00E+00	µg/L	—	—	11-2748	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.7	—	—	1.00E+00	µg/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11	—	—	1.00E+00	µg/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.39	—	—	3.30E+00	µg/L	J	J	11-2748	CAWA-11-14010	GELC
R-48	8881	Single	1500	03/28/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	11-1812	CAWA-11-5384	GELC
R-48	8881	Single	1500	01/06/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U*	U	11-1036	CAWA-11-3193	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.3	—	—	3.30E+00	µg/L	*	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Actinium-228	<	-16.1	2.50E+00	1.90E+01	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-8.68	1.70E+00	1.40E+01	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00527	1.57E-03	2.40E-02	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Americium-241	<	-11	3.33E+00	3.20E+01	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00187	6.33E-04	2.50E-02	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	1.3	1.83E+00	1.80E+01	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00769	1.17E-03	2.20E-02	—	pCi/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0131	2.20E-03	2.80E-02	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Bismuth-212	<	24.7	7.00E+00	7.60E+01	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	9.83	5.00E+00	5.20E+01	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Bismuth-214	<	0.69	1.43E+00	1.40E+01	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	-0.493	1.07E+00	1.00E+01	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-134	<	2.13	5.67E-01	6.20E+00	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	-1.05	4.33E-01	4.10E+00	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	2.38	5.00E-01	5.50E+00	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.73	3.67E-01	3.00E+00	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.886	3.33E-01	3.50E+00	—	pCi/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.246	5.67E-01	5.50E+00	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.207	4.33E-01	4.40E+00	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.51	4.67E-01	3.80E+00	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.159	3.33E-01	3.40E+00	—	pCi/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.39	6.00E-01	4.30E+00	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.615	1.83E-01	2.00E+00	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.716	2.43E-01	2.60E+00	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.75	3.03E-01	1.40E+00	—	pCi/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.66	2.87E-01	1.70E+00	—	pCi/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	2.67	2.90E-01	2.60E+00	—	pCi/L	—	—	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.81	2.63E-01	2.50E+00	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.56	3.33E-01	2.20E+00	—	pCi/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.28	2.83E-01	2.40E+00	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Lead-212	<	6.23	1.97E+00	1.20E+01	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	-7.27	8.67E-01	7.60E+00	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Lead-214	<	-1.06	1.37E+00	1.30E+01	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	1.31	1.10E+00	1.00E+01	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00173	1.00E-03	2.60E-02	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0118	1.83E-03	2.90E-02	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.00E-03	2.70E-02	—	pCi/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0065	1.53E-03	1.80E-02	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0	1.63E-03	3.60E-02	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0176	2.17E-03	4.10E-02	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00215	1.23E-03	4.00E-02	—	pCi/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00325	9.33E-04	3.30E-02	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	2.82	6.33E+00	7.10E+01	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.5	5.00E+00	4.90E+01	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24	6.33E+00	5.90E+01	—	pCi/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.3	5.67E+00	6.70E+01	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Protactinium-234m	<	-110	5.67E+01	5.20E+02	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	73.4	5.00E+01	5.40E+02	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.116	5.00E-01	5.10E+00	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.95	3.13E-01	3.50E+00	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.564	4.00E-01	4.00E+00	—	pCi/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.774	5.00E-01	4.70E+00	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.21	5.00E-02	5.00E-01	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.216	5.00E-02	5.00E-01	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0392	4.33E-02	4.90E-01	—	pCi/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.346	5.33E-02	4.90E-01	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Thallium-208	<	0.458	6.67E-01	6.50E+00	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-0.16	4.67E-01	4.70E+00	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Thorium-234	<	53.2	3.20E+01	3.20E+02	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-88.9	1.97E+01	1.90E+02	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.358	1.37E-02	6.00E-02	—	pCi/L	—	—	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.346	1.50E-02	8.00E-02	—	pCi/L	—	—	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.365	1.40E-02	4.10E-02	—	pCi/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.407	1.30E-02	3.50E-02	—	pCi/L	—	—	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	EPA:901.1	Uranium-235	<	-6.17	3.67E+00	3.60E+01	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-23	3.07E+00	2.60E+01	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.00672	2.73E-03	3.20E-02	—	pCi/L	U	U	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0269	3.67E-03	4.30E-02	—	pCi/L	U	U	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0145	3.00E-03	3.30E-02	—	pCi/L	U	U	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0133	2.10E-03	2.60E-02	—	pCi/L	U	U	11-1036	CAWA-11-3192	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.245	1.03E-02	3.60E-02	—	pCi/L	—	—	11-2749	CAWA-11-14013	GELC
R-48	8881	Single	1500	06/22/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.246	1.17E-02	4.80E-02	—	pCi/L	—	—	11-2749	CAWA-11-14011	GELC
R-48	8881	Single	1500	03/28/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.159	8.00E-03	4.50E-02	—	pCi/L	—	—	11-1812	CAWA-11-5380	GELC
R-48	8881	Single	1500	01/06/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.215	8.33E-03	2.50E-02	—	pCi/L	—	—	11-1036	CAWA-11-3192	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.3	—	—	7.30E-01	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.9	—	—	7.30E-01	mg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.73	—	—	5.00E-02	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.71	—	—	5.00E-02	mg/L	—	—	11-2030	CAWA-11-4912	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.81	—	—	5.00E-02	mg/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.97	—	—	5.00E-02	mg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.14	—	—	6.60E-02	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	<	1.22	—	—	6.60E-02	mg/L	—	U	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.111	—	—	3.30E-02	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.131	—	—	3.30E-02	mg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	4.50E-01	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.2	—	—	4.50E-01	mg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.1	—	—	4.50E-01	mg/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	4.50E-01	mg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	1.10E-01	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	1.10E-01	mg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	1.10E-01	mg/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	1.10E-01	mg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.805	—	—	5.00E-02	mg/L	—	J-	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.431	—	—	5.00E-02	mg/L	—	J+	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.232	—	—	5.00E-02	µg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.219	—	—	5.00E-02	µg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.795	—	—	5.00E-02	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.954	—	—	5.00E-02	mg/L	—	J	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.793	—	—	5.00E-02	mg/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.03	—	—	5.00E-02	mg/L	—	J	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.54	—	—	1.00E-01	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.7	—	—	1.00E-01	mg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.61	—	—	1.00E-01	mg/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.81	—	—	1.00E-01	mg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	102	—	—	1.00E+00	µS/cm	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	109	—	—	1.00E+00	µS/cm	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.54	—	—	1.00E-01	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.61	—	—	1.00E-01	mg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	104	—	—	3.40E+00	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	114	—	—	2.40E+00	mg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	1.00E-02	SU	H	J-	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	1.00E-02	SU	H	J-	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	1.43	—	—	1.00E-01	µg/L	—	J	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	HEXP	SW-846:8321A	RDX	—	1.25	—	—	1.00E-01	µg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	141	—	—	6.80E+01	µg/L	J	J	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	267	—	—	6.80E+01	µg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.2	—	—	1.00E+00	µg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.2	—	—	1.00E+00	µg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.8	—	—	1.00E+00	µg/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.1	—	—	1.00E+00	µg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	147	—	—	3.00E+01	µg/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	132	—	—	3.00E+01	µg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.54	—	—	2.00E+00	µg/L	J	J	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.72	—	—	2.00E+00	µg/L	J	J	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.35	—	—	2.00E+00	µg/L	J	J	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.15	—	—	2.00E+00	µg/L	J	J	11-2030	CAWA-11-4911	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.982	—	—	5.00E-01	µg/L	J	J	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	1.08	—	—	5.00E-01	µg/L	J	U	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.925	—	—	5.00E-01	µg/L	J	J	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	1.28	—	—	5.00E-01	µg/L	J	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.8	—	—	5.30E-02	mg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.4	—	—	5.30E-02	mg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1.00E+00	µg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1.00E+00	µg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51	—	—	1.00E+00	µg/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.7	—	—	1.00E+00	µg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.375	—	—	6.70E-02	µg/L	—	—	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.435	—	—	6.70E-02	µg/L	—	—	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.49	—	—	6.70E-02	µg/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.571	—	—	6.70E-02	µg/L	—	—	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.62	—	—	1.00E+00	µg/L	J	J	11-2742	CAWA-11-14623	GELC
R-63	9471	Single	1325	04/12/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.76	—	—	1.00E+00	µg/L	J	J	11-2030	CAWA-11-4912	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	µg/L	J	J	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.61	—	—	1.00E+00	µg/L	J	J	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	0.214	1.67E+00	1.60E+01	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0	1.20E-03	2.50E-02	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-8.05	2.03E+00	1.90E+01	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00327	1.90E-03	2.70E-02	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	35.5	6.00E+00	6.80E+01	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	—	31.1	2.13E+00	7.50E+00	—	pCi/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	1.8	4.00E-01	4.60E+00	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.946	3.33E-01	3.00E+00	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.04	5.33E-01	5.60E+00	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.82	6.00E-01	5.20E+00	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.608	5.00E-01	5.30E+00	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.517	1.93E-01	2.70E+00	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.67	2.50E-01	1.90E+00	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.419	2.57E-01	2.70E+00	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.337	2.40E-01	2.80E+00	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	9.22	1.40E+00	9.00E+00	—	pCi/L	—	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	—	25.3	2.10E+00	7.00E+00	—	pCi/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00203	1.80E-03	3.00E-02	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0041	1.37E-03	2.70E-02	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.33E-03	4.20E-02	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00205	2.27E-03	4.00E-02	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.8	6.00E+00	5.80E+01	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-36.8	5.67E+00	5.30E+01	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	273	5.00E+01	5.60E+02	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.666	3.67E-01	3.30E+00	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.36	4.67E-01	4.20E+00	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.267	4.33E-02	5.00E-01	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.127	5.00E-02	5.10E-01	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	5.67	7.33E-01	3.80E+00	—	pCi/L	—	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-48.6	2.23E+01	2.10E+02	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.219	9.67E-03	5.70E-02	—	pCi/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.222	1.03E-02	4.00E-02	—	pCi/L	—	—	11-2030	CAWA-11-4911	GELC

Table C-2 Water Canyon Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	0.67	3.23E+00	3.10E+01	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00959	1.87E-03	3.10E-02	—	pCi/L	U	U	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0142	4.00E-03	3.30E-02	—	pCi/L	U	U	11-2030	CAWA-11-4911	GELC
R-63	9471	Single	1325	06/22/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.158	7.67E-03	3.40E-02	—	pCi/L	—	—	11-2742	CAWA-11-14624	GELC
R-63	9471	Single	1325	04/12/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.127	7.33E-03	4.40E-02	—	pCi/L	—	—	11-2030	CAWA-11-4911	GELC

Appendix D

Analytical Chemistry Screening Results

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

The following pages also include secondary validation reason codes. Because there are over 400 secondary validation reason codes, this list is not comprehensive and includes only those codes used in this particular periodic monitoring report.

The secondary data validation summary is provided in Appendix F.

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
%R	percent recovery
<	Based on qualifiers, the result was a nondetection.
—	none
BHC	benzene hexachloride
CB	chlorobiphenyl
CCV	continuing calibration verification
CLP	Control Laboratory Program
CRDL	contract-required detection limit
DCG	Derived Concentration Guide (DOE)
DNX	dinitroso-RDX (or hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
GC	gas chromatography
GFAA	graphite furnace atomic absorption
GFPC	gas-flow proportional counter
GW	groundwater
HH OO	Human Health—Organism Only (NMWQCC standard)
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HPLC	high-pressure liquid chromatography
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification
IDL	instrument detection limit
LAL	lower acceptance limit
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Miscellaneous (continued)	
MNX	mononitroso-RDX (or hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
PCB	polychlorinated biphenyl
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RF	response factor
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
Scr	screening
SSC	suspended sediment concentration
SU	standard unit
TDS	total dissolved solids
TNX	trinitroso-RDX (or hexahydro-1,3,5-trinitroso-1,3,5-triazine)
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
FTR	field triplicate
INB	Equipment blank taken during installation and not associated with a sampling event.
ITB	Trip blank taken during installation and not associated with a sampling event.
NA	not applicable
PEB	performance evaluation blank
PEK	performance evaluation known
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
ANION	anions
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
GAMMA, GAMMA_SPEC	gamma spectroscopy
Geninorg, GENINORG	general inorganics
GRO	gasoline range organics
GROSSA	gross alpha
GROSSB	gross beta
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
METALS, Metals	metals
PCB	polychlorinated biphenyls
PCB_CONG, PCB Cong	PCB congeners
PEST	pesticides
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry (not gamma)
SVOA	semivolatile organics
SVOC	semivolatile organic compounds
VOA	volatile organics
VOC	volatile organic compounds
Lab Sample Type Codes	
CS	client sample
DL	dilution

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Lab Sample Type Codes (continued)	
DUP	duplicate
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services—Primary
CFA	Cape Fear Analytical, LLC, Wilmington, NC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field
GEL	General Engineering Laboratories, Inc.
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEO	Geochron Laboratories, Boston, MA
HENV	Health and Environmental Laboratory (Johnson Controls, Northern New Mexico)
HUFFMAN	Huffman Laboratories, Inc., Golden, CO
KA	KEMRON Environmental Services, Inc., Vienna, VA
LVLI	Lionville Laboratory, Inc., Philadelphia, PA
PARA	Paragon Analytics, Inc., Salt Lake City, UT
PEC	Pacific Ecorisk Laboratories, Fairfield, CA
QESL	Quanterra Environmental Services, St. Louis, MO
QST	QST Environmental, Newberry, FL
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Roy F. Weston, Inc., West Chester, PA
SGSW	Paradigm Analytical Laboratories, Inc., Wilmington, NC
SILENS	Stable Isotope Laboratory, Woods Hole, MA
STL2, STR	Severn Trent Laboratories, Inc., Richland, WA (historical)
STLA	Severn Trent Laboratories, Inc., Los Angeles, CA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SwRI	Southwest Research Institute, San Antonio, TX
UAZ	University of Arizona, Tucson
UIL	University of Illinois, Urbana-Champaign
UMTL	University of Miami Tritium Lab

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

Code	Description
H	(Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic)—The result for this analyte in the laboratory control sample analysis was outside acceptance criteria.
HJ	See H code and see J code.
HJ*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
INS	(d15N)—The d15N of nitrate is a signature of the nitrate present in a sample. Therefore, nitrate has to be present to have a signature. A d15N value cannot be given to a blank because the blank does not have nitrate. This is different from most analytical methods, where a blank is run with the designator “nondetect” or “detected, but below detection limit.”
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
J*	See J code and see * code.
JB	See J code and see B code
JN	See J code and see N code.
JN*	See J code, see N code, and see * code.
JP	See J code and see P code.
N	(Inorganic)—Spiked sample recovery was not within control limits.
N*	See N code and see * code.
N*E	See N code, see * code, and see E code.
NE	See N code and see E code.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
PJ	See P code and see J code.
U	The material was analyzed for but was not detected above the level of the associated numeric value.
U*	See U code and see * code.
UD	See U code and see D code.
UE	See U code and see E code.
UE*	See U code, see E code, and see * code.
UEN	See U code, see E code, and see N code.
UH	See U code and see H code.

Analytical Laboratory Qualifier Codes (continued)

Code	Description
UH*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
UI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification.
UN	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery was not within control limits.
UN*	EPA flag (Inorganic)—See U code, see N code, and see * code.
UUI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification, and the analytical lab assigned these gamma spectroscopy results as not detected.
X	The analytical laboratory suspects the result is a nondetect despite positive quantification results.

Secondary Validation Flag Codes

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

Secondary Validation Reason Codes

Code	Description
HE7c	The initial calibration verification (ICV) and/or continuing calibration verification (CCV) were recovered outside the method limits. The percent difference (%D) between the ICV and CCV standard concentrations and their true values shall be calculated according to the formula in Attachment 4, Theoretical Ion Abundance Ratios and QC Limits for EPA Method 1668A, and must be ≤20%. The evaluation of CCV data applies to all CCVs that bracket samples of interest. If the %D was reported with the wrong sign (e.g., +%D for negative bias), document the occurrence in the data validation report and assess any infractions using the correct sign. 1. If the %D 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 %D 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 %D 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. If the %D 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.
I4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was >5 times.
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.
R5	The results for the affected analytes are considered not detected (U) because the associated sample concentration was less than or equal to the minimum detectable concentration.
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 total propagated uncertainty.
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.

Table D-1
Water Canyon 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
Intermediate	16-26644	SINGLE	130	03/02/11	H-3	UF	CS	FD	—*	12.80	2.04	1.75615	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate	16-26644	SINGLE	130	03/02/11	H-3	UF	CS	—	—	15.10	2.43	2.07545	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate	CdV-16-4ip	MULTI	1110	03/31/11	H-3	UF	CS	—	—	3.58	0.89	2.17124	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate	R-47i	SINGLE	840	04/07/11	H-3	UF	CS	FD	<	−0.67	0.64	2.2351	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Intermediate	R-47i	SINGLE	840	04/07/11	H-3	UF	CS	—	<	−0.45	0.73	2.5544	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Intermediate	CDV-37-1(i)	SINGLE	632	03/31/11	H-3	UF	CS	—	—	3.45	0.86	2.10738	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Intermediate	R-27i	SINGLE	619	04/04/11	H-3	UF	CS	—	<	−1.69	0.64	2.17124	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-63	SINGLE	1325	04/12/11	H-3	UF	CS	—	<	−1.76	0.77	2.61826	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-48	SINGLE	1500	03/28/11	H-3	UF	CS	FD	<	−1.79	0.70	2.29896	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-48	SINGLE	1500	03/28/11	H-3	UF	CS	—	<	−1.95	0.73	2.52247	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5

* — = None.

Table D-2
Water Canyon Previously Unreported Groundwater Organic Chemistry

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)
Regional	CdV-R-37-2	MULTI	1200.3	04/10/11	EQB	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—*	113	2.2	µg/L	1	—	—	—	SW-846:8270C	GELC	6	18.83	48	2.35
Regional	CdV-R-37-2	MULTI	1200.3	04/10/11	EQB	UF	CS	SVOA	Di-n-octylphthalate	117-84-0	—	5.33	3.3	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—
Regional	CdV-R-37-2	MULTI	1200.3	04/10/11	EQB	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	2.85	2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.48	48	0.06

* — = None.

Table D-3
Water Canyon 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
Intermediate	R-47i	SINGLE	840	06/21/11	Tl-208	UF	CS	FD	<	4.45	2	4.2	pCi/L	GELC	EPA:901.1	—*	U	R11
Regional	R-63	SINGLE	1325	06/22/11	Bi-214	UF	CS	—	—	31.1	6.4	7.5	pCi/L	GELC	EPA:901.1	—	—	—
Regional	R-63	SINGLE	1325	06/22/11	Pb-212	UF	CS	—	<	9.22	4.2	9	pCi/L	GELC	EPA:901.1	—	U	R11
Regional	R-63	SINGLE	1325	06/22/11	Pb-214	UF	CS	—	—	25.3	6.3	7	pCi/L	GELC	EPA:901.1	—	—	—
Regional	R-63	SINGLE	1325	06/22/11	Tl-208	UF	CS	—	<	5.67	2.2	3.8	pCi/L	GELC	EPA:901.1	—	U	R11

* — = None.

Table D-4
Water Canyon 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
Intermediate	R-26	MULTI	659	06/01/11	—*	F	CS	ClO4	SW-846:6850	—	0.262	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-26	MULTI	659	06/01/11	—	F	CS	ClO4	SW-846:6850	—	0.23	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-26	MULTI	659	06/01/11	—	F	CS	ClO4	SW-846:6850	—	0.24	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-25	MULTI	755	06/14/11	—	F	CS	ClO4	SW-846:6850	—	0.533	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-25	MULTI	892	06/15/11	—	F	CS	ClO4	SW-846:6850	—	0.163	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	R-25	MULTI	1192	06/15/11	—	F	CS	ClO4	SW-846:6850	—	0.0521	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	R-47i	SINGLE	840	06/21/11	—	F	CS	ClO4	SW-846:6850	—	0.246	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-47i	SINGLE	840	06/21/11	FD	F	CS	ClO4	SW-846:6850	—	0.254	0.05	µg/L	1	—	—	—	GELC
Intermediate	CDV-37-1(i)	SINGLE	632	06/20/11	—	F	CS	ClO4	SW-846:6850	—	0.257	0.05	µg/L	1	—	—	—	GELC

Table D-4 (continued)

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
Intermediate	R-27i	SINGLE	619	06/20/11	—	F	CS	ClO4	SW-846:6850	—	0.127	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-25	MULTI	1303	06/15/11	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-25	MULTI	1406	06/16/11	—	F	CS	ClO4	SW-846:6850	—	0.252	0.05	µg/L	1	—	—	—	GELC
Regional	R-25	MULTI	1606	06/16/11	—	F	CS	ClO4	SW-846:6850	—	0.255	0.05	µg/L	1	—	—	—	GELC
Regional	R-25	MULTI	1796	06/17/11	—	F	CS	ClO4	SW-846:6850	—	0.277	0.05	µg/L	1	—	—	—	GELC
Regional	R-63	SINGLE	1325	06/22/11	—	F	CS	ClO4	SW-846:6850	—	0.232	0.05	µg/L	1	—	—	—	GELC
Regional	R-48	SINGLE	1500	06/22/11	PEB	UF	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-48	SINGLE	1500	06/22/11	—	F	CS	ClO4	SW-846:6850	—	0.314	0.05	µg/L	1	—	—	—	GELC
Regional	R-48	SINGLE	1500	06/22/11	FD	F	CS	ClO4	SW-846:6850	—	0.324	0.05	µg/L	1	—	—	—	GELC

* — = None.

Table D-5
Water Canyon 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)
Intermediate	R-25	MULTI	754.8	06/14/11	Cr	UF	CS	— *	—	51.8	2	µg/L	GELC	—	J	l4a	SW-846:6020	100	0.52	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	Ni	F	CS	—	—	623	0.5	µg/L	GELC	—	—	—	SW-846:6020	—	—	200	3.12

* — = None.

Table D-6
Water Canyon Groundwater Organic Chemistry

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-26	MULTI	659.3	06/01/11	—*	UF	CS	VOA	Toluene	108-88-3	—	0.51	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	R-26	MULTI	659.3	06/01/11	—	UF	CS	VOA	Toluene	108-88-3	—	1.75	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	R-26	MULTI	659.3	06/01/11	—	UF	CS	VOA	Toluene	108-88-3	—	2.48	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	2.76	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.04	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	3.05	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	73	0.04	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	HEXP	Dinitrotoluene[2,4-]	121-14-2	—	0.57	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	2.2	0.26	—	—	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	HEXP	HMX	2691-41-0	—	4.2	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	HEXP	MNX	MNX	—	0.24	0.091	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	DL	HEXP	RDX	121-82-4	—	38	0.52	µg/L	10	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	6.23	—	—	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	HEXP	TNX	TNX	—	0.68	0.082	µg/L	1	P	—	—	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.959	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	HEXP	Trinitrotoluene[2,4,6-]	118-96-7	—	7.75	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	22	0.35	—	—	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	—	0.34	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	120	----	—	—	—	—
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	VOA	Tetrachloroethene	127-18-4	—	0.69	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.14	1.1	0.63	—	—	20	0.03
Intermediate	R-25	MULTI	754.8	06/14/11	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.82	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.16	20	0.04	—	—	100	0.01
Intermediate	R-25	MULTI	891.8	06/15/11	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	0.283	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate	R-25	MULTI	891.8	06/15/11	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	0.185	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate	R-25	MULTI	891.8	06/15/11	—	UF	CS	HEXP	HMX	2691-41-0	—	3.22	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate	R-25	MULTI	891.8	06/15/11	—	UF	CS	HEXP	RDX	121-82-4	—	11.8	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	1.93	—	—	—	—
Intermediate	R-25	MULTI	891.8	06/15/11	—	UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	—	0.82	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	120	0.01	—	—	—	—
Intermediate	R-25	MULTI	891.8	06/15/11	—	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	1192.4	06/15/11	—	UF	CS	HEXP	DNX	DNX	—	0.16	0.091	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	1192.4	06/15/11	—	UF	CS	HEXP	HMX	2691-41-0	—	0.129	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate	R-25	MULTI	1192.4	06/15/11	—	UF	CS	HEXP	MNX	MNX	—	0.34	0.091	µg/L	1	J	J	J_LAB	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	1192.4	06/15/11	—	UF	DL	HEXP	RDX	121-82-4	—	26.7	0.52	µg/L	10	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	4.38	—	—	—	—
Intermediate	R-25	MULTI	1192.4	06/15/11	—	UF	CS	HEXP	TNX	TNX	—	0.13	0.082	µg/L	1	P	—	—	SW-846:8330	STSL	—	—	—	—	—	—	—	—
Intermediate	R-25	MULTI	1192.4	06/15/11	—	UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	—	1.31	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	120	0.01	—	—	—	—
Intermediate	R-25	MULTI	1192.4	06/15/11	—	UF	CS	VOA	Tetrachloroethene	127-18-4	—	0.58	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.12	1.1	0.53	—	—	20	0.03
Intermediate	R-25	MULTI	1192.4	06/15/11	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.47	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.09	20	0.02	—	—	100	—
Intermediate	CDV-37-1(i)	SINGLE	632	06/20/11	—	UF	CS	VOA	Toluene	108-88-3	—	0.72	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—

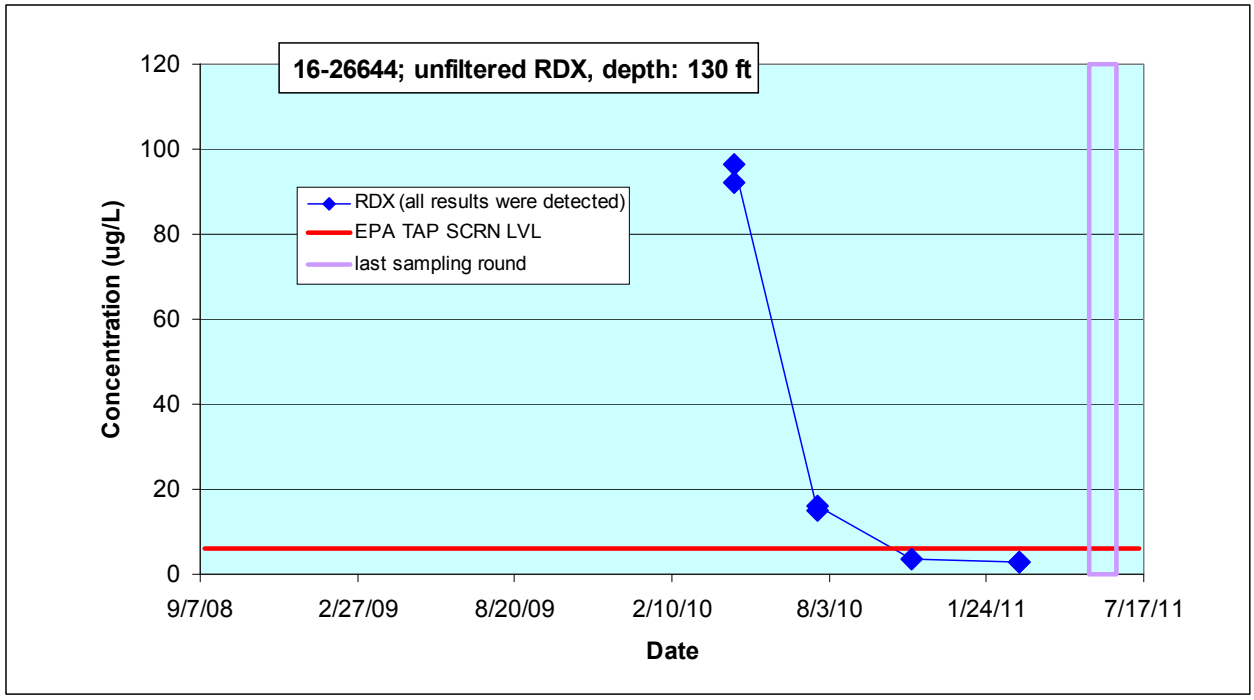
Table D-6 (continued)

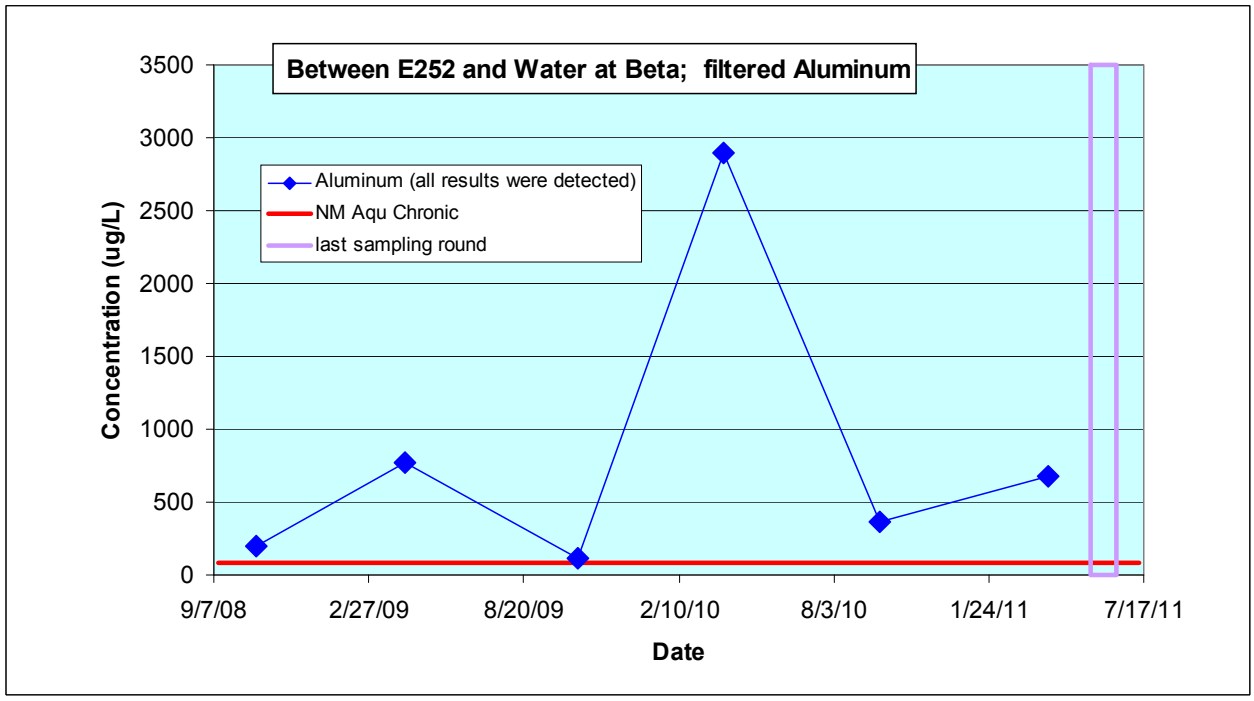
Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	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-25	MULTI	1303.4	06/15/11	—	UF	CS	HEXP	HMX	2691-41-0	—	0.249	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Regional	R-25	MULTI	1303.4	06/15/11	—	UF	CS	HEXP	RDX	121-82-4	—	0.377	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	0.06	—	—	—	—
Regional	R-25	MULTI	1303.4	06/15/11	—	UF	CS	VOA	Methyl tert-Butyl Ether	1634-04-4	—	0.38	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	120	—	—	—	—	—
Regional	R-25	MULTI	1406.3	06/16/11	—	UF	CS	HEXP	HMX	2691-41-0	—	0.115	0.1	µg/L	2	J	J	HE7c	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Regional	R-25	MULTI	1406.3	06/16/11	—	UF	CS	HEXP	RDX	121-82-4	—	0.468	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.08	—	—	—	—
Regional	R-25	MULTI	1606	06/16/11	—	UF	CS	HEXP	Trinitrotoluene[2,4,6-]	118-96-7	—	0.185	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	22	0.01	—	—	—	—
Regional	R-63	SINGLE	1325	06/22/11	—	UF	CS	HEXP	RDX	121-82-4	—	1.43	0.1	µg/L	2	—	J	HE7c	SW-846:8321A_MOD	GELC	—	—	6.1	0.23	—	—	—	—

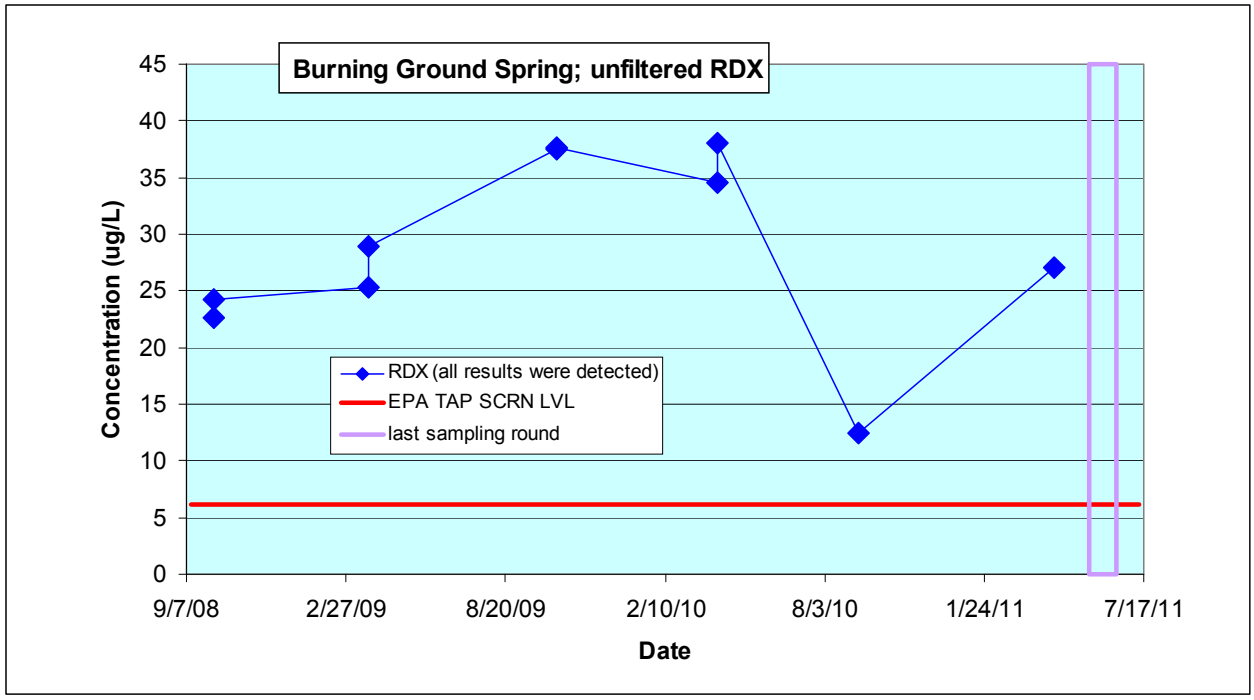
* — = None.

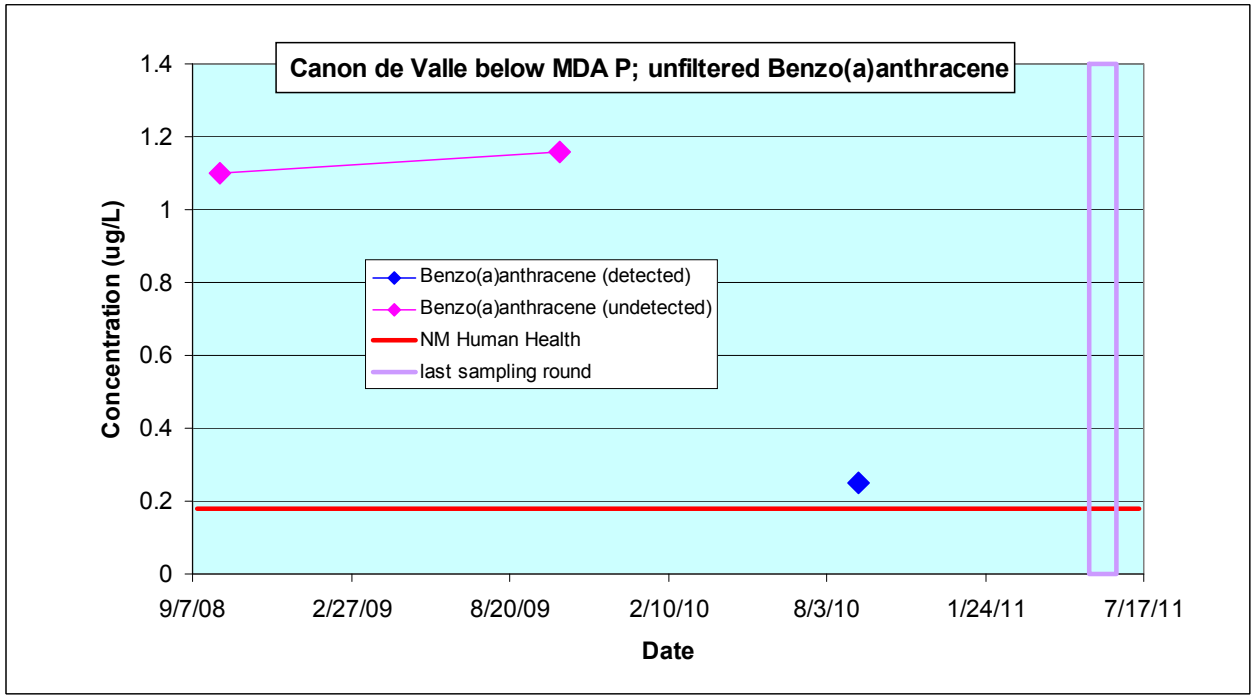
Appendix E

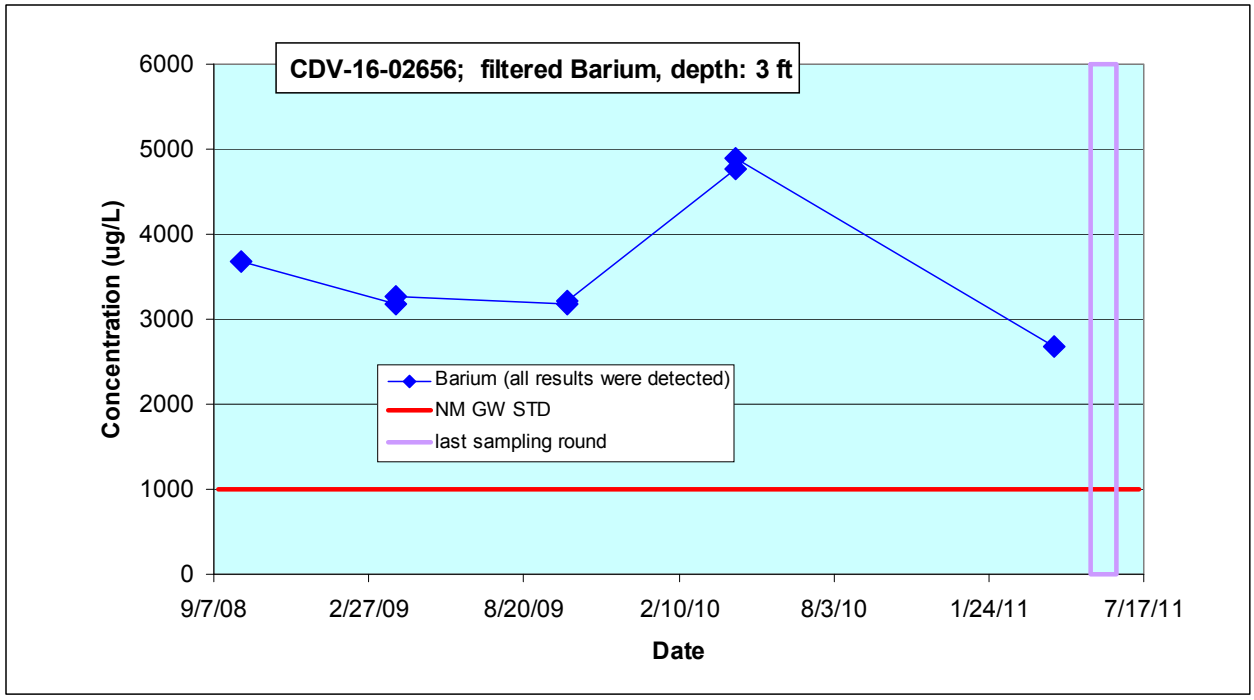
Analytical Chemistry Graphs of Screening-Level Exceedances

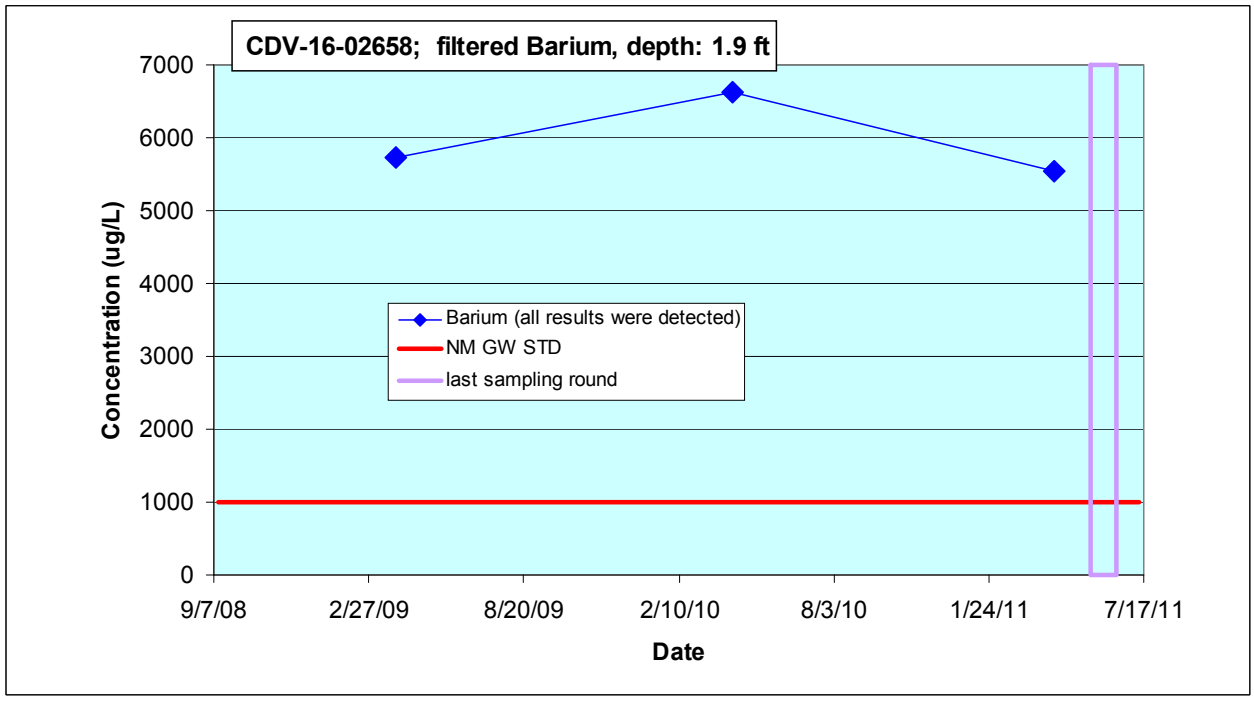

16-26644; unfiltered RDX, depth: 130 ft
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
Concentration (ug/L)
120
100
80
60
40
20
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

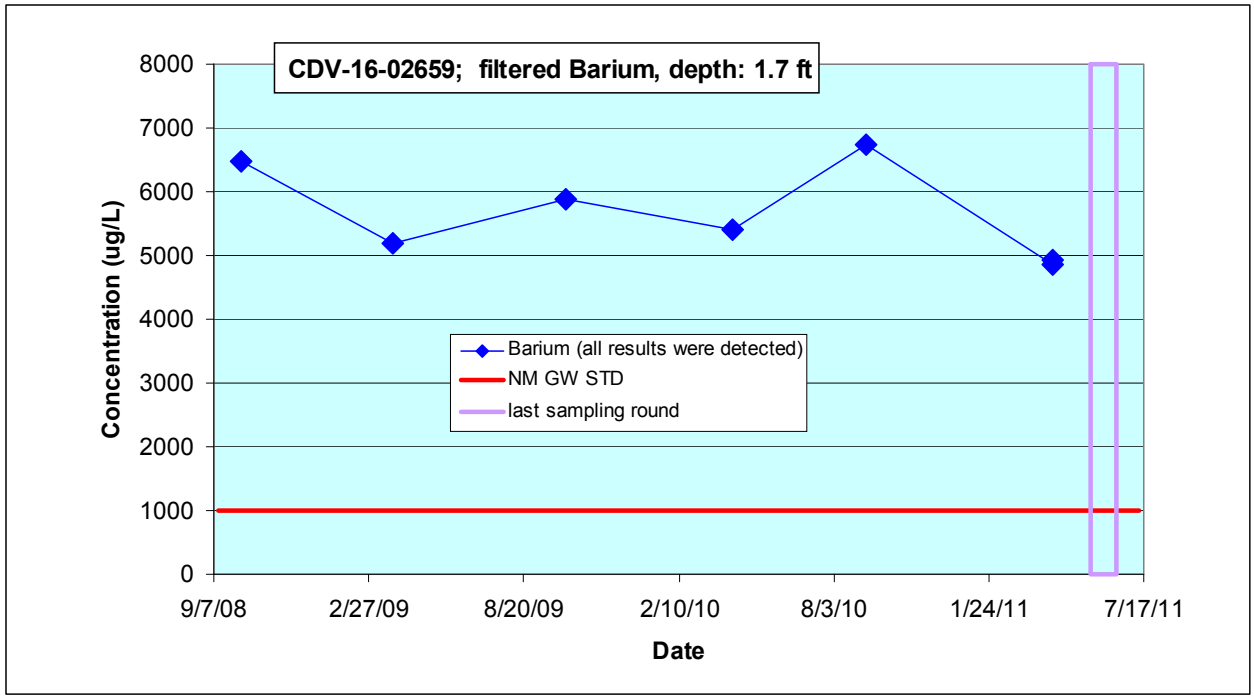

Between E252 and Water at Beta; filtered Aluminum
Aluminum (all results were detected)
NM Aqu Chronic
last sampling round
Concentration (ug/L)
3500
3000
2500
2000
1500
1000
500
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

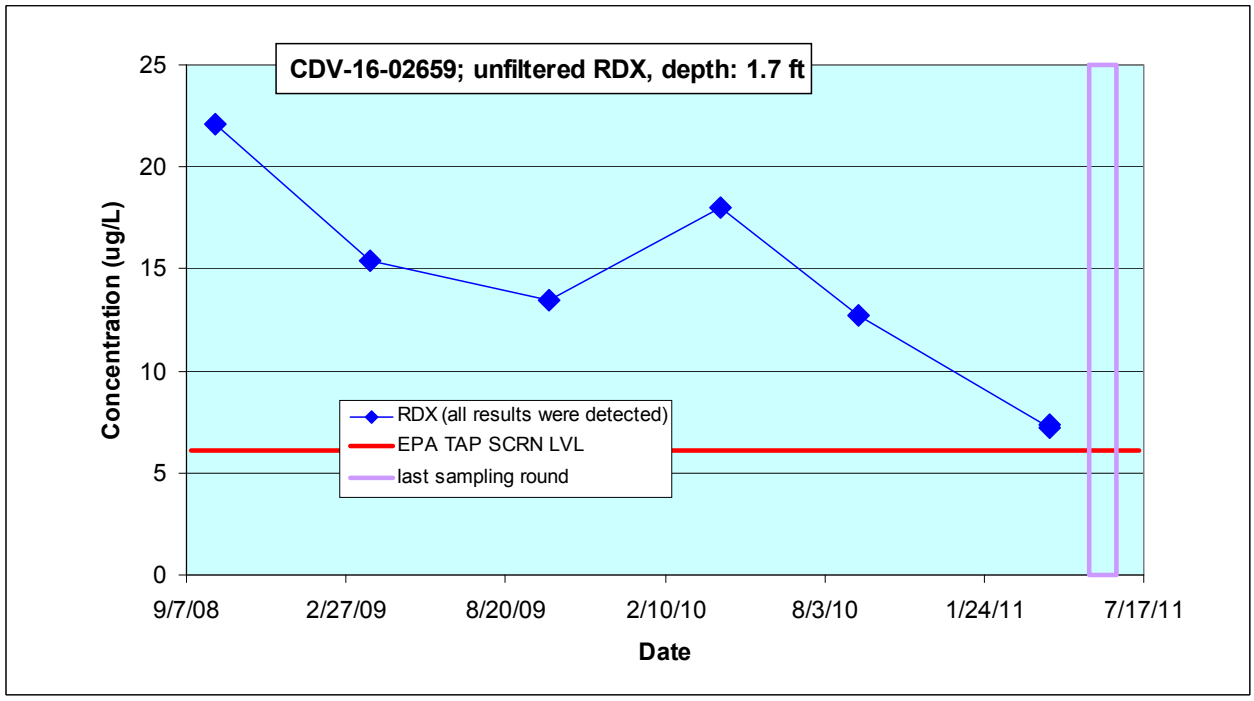

Burning Ground Spring; unfiltered RDX
Concentration (ug/L)
45
40
35
30
25
20
15
10
5
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

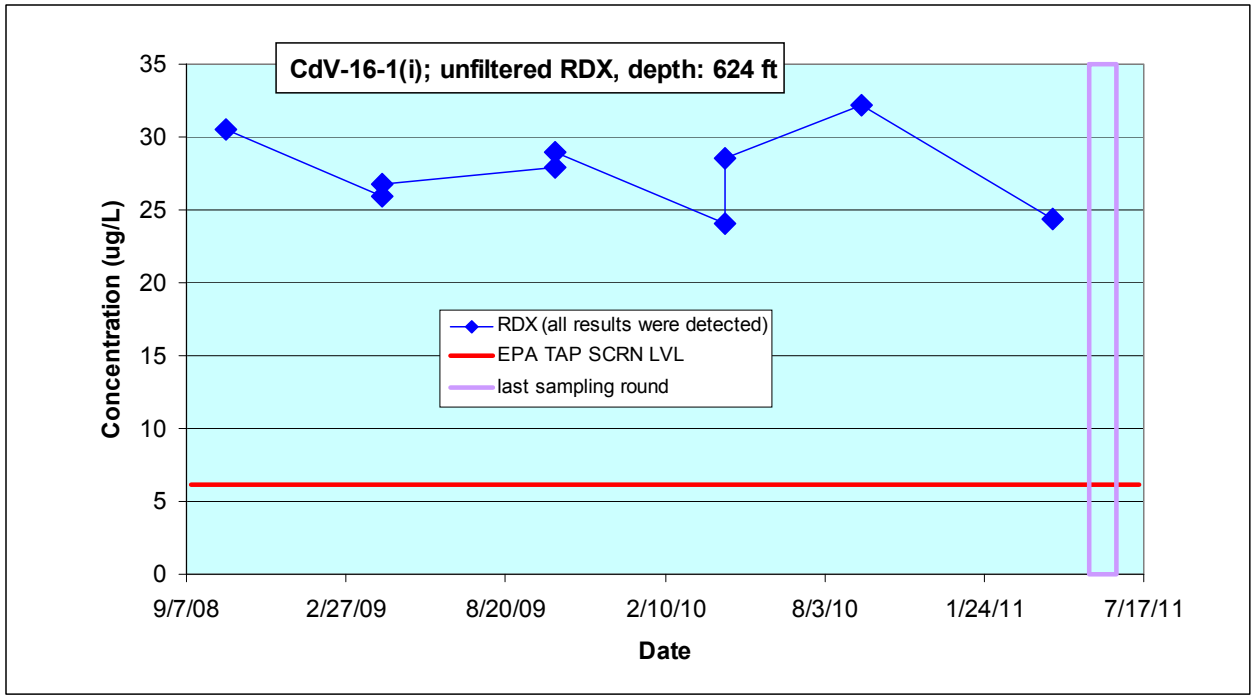

Canon de Valle below MDA P; unfiltered Benzo(a)anthracene
Concentration (ug/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
Benzo(a)anthracene (detected)
Benzo(a)anthracene (undetected)
NM Human Health
last sampling round

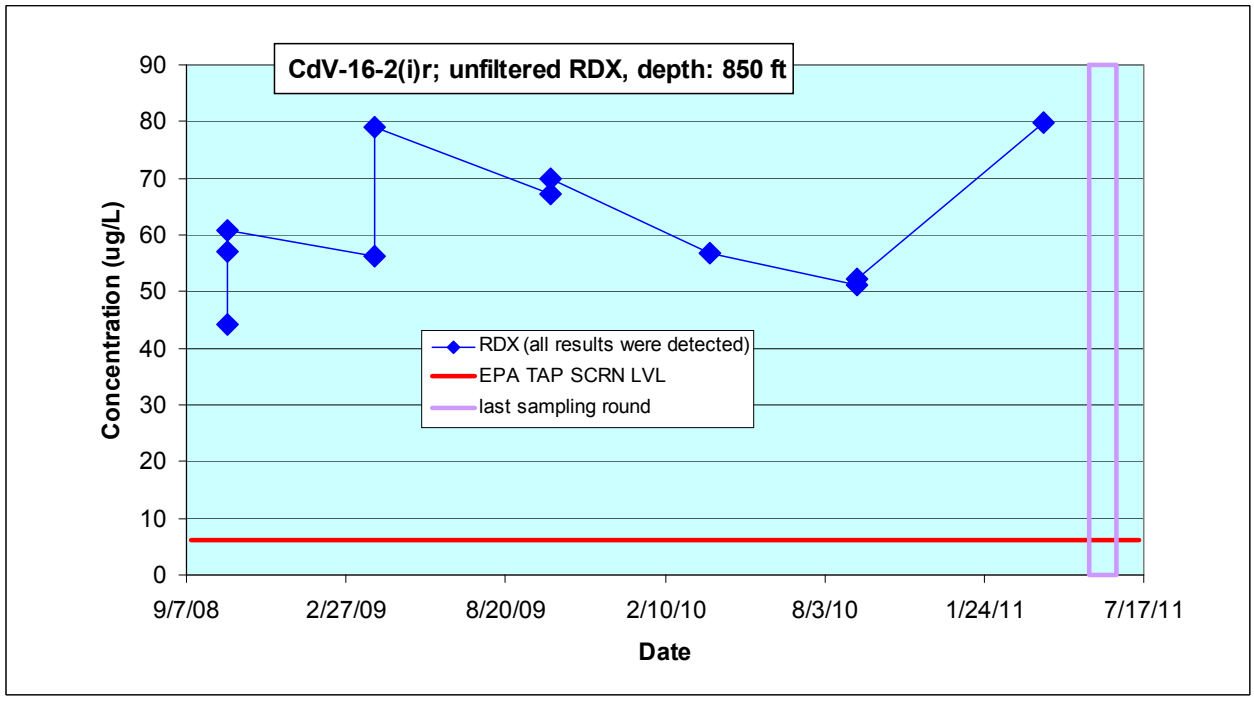

CDV-16-02656; filtered Barium, depth: 3 ft
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
Barium (all results were detected)
NM GW STD
last sampling round

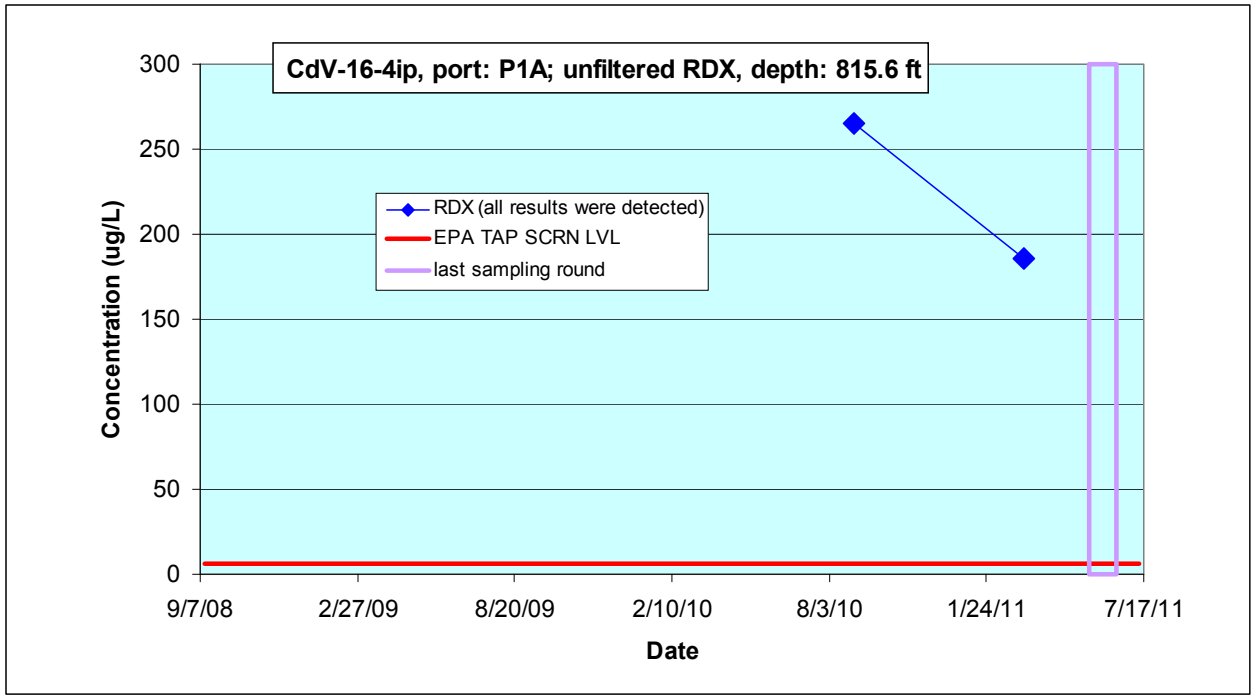

CDV-16-02658; filtered Barium, depth: 1.9 ft
Concentration (ug/L)
7000
6000
5000
4000
3000
2000
1000
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
Barium (all results were detected)
NM GW STD
last sampling round

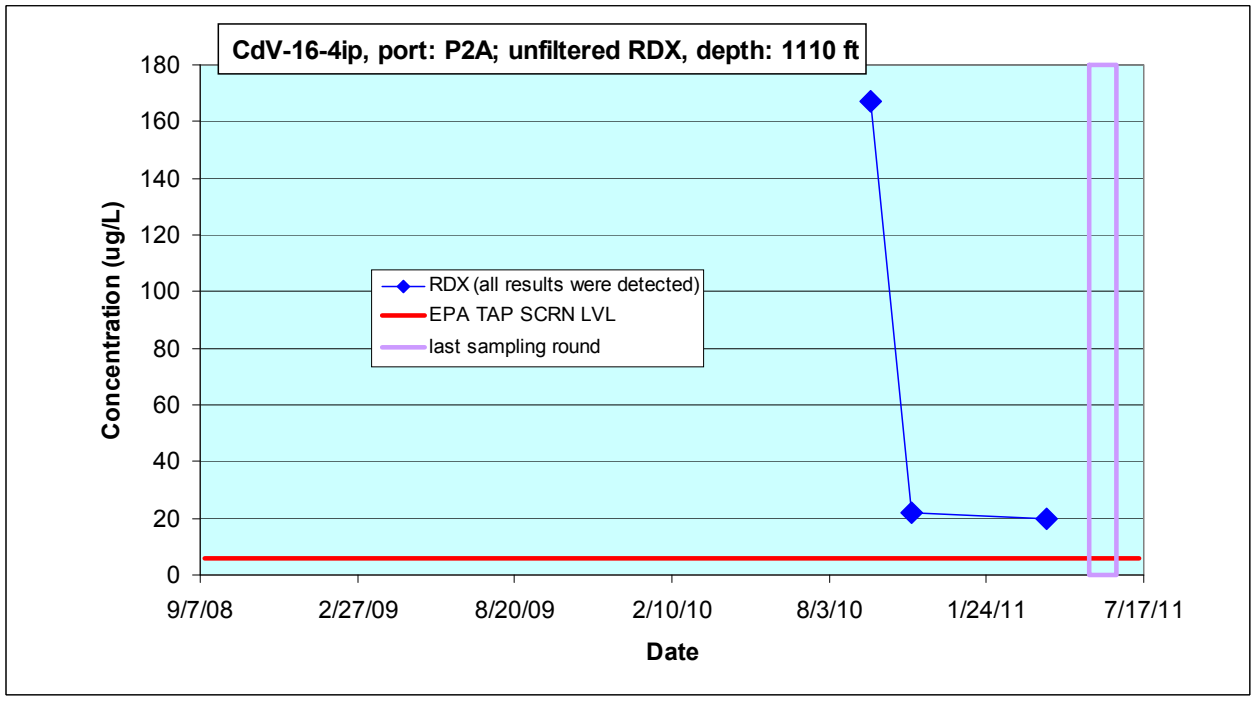

CDV-16-02659; filtered Barium, depth: 1.7 ft
Concentration (ug/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
Barium (all results were detected)
NM GW STD
last sampling round

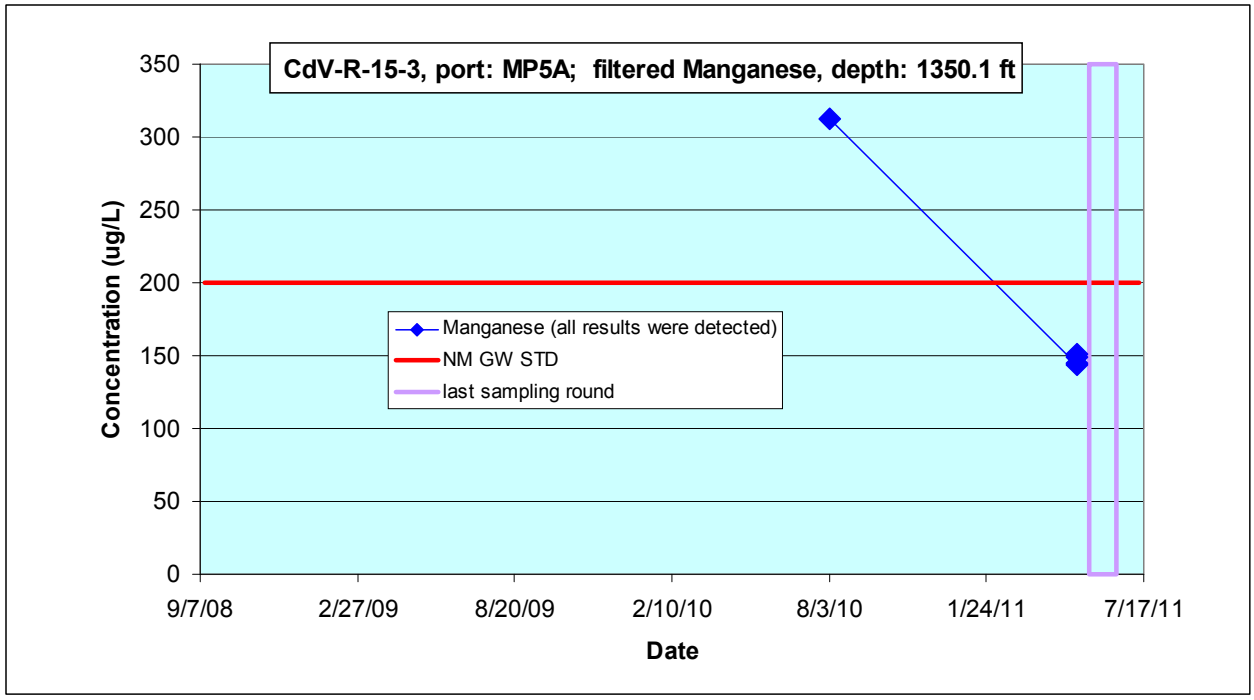

CDV-16-02659; unfiltered RDX, depth: 1.7 ft
Concentration (ug/L)
25
20
15
10
5
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

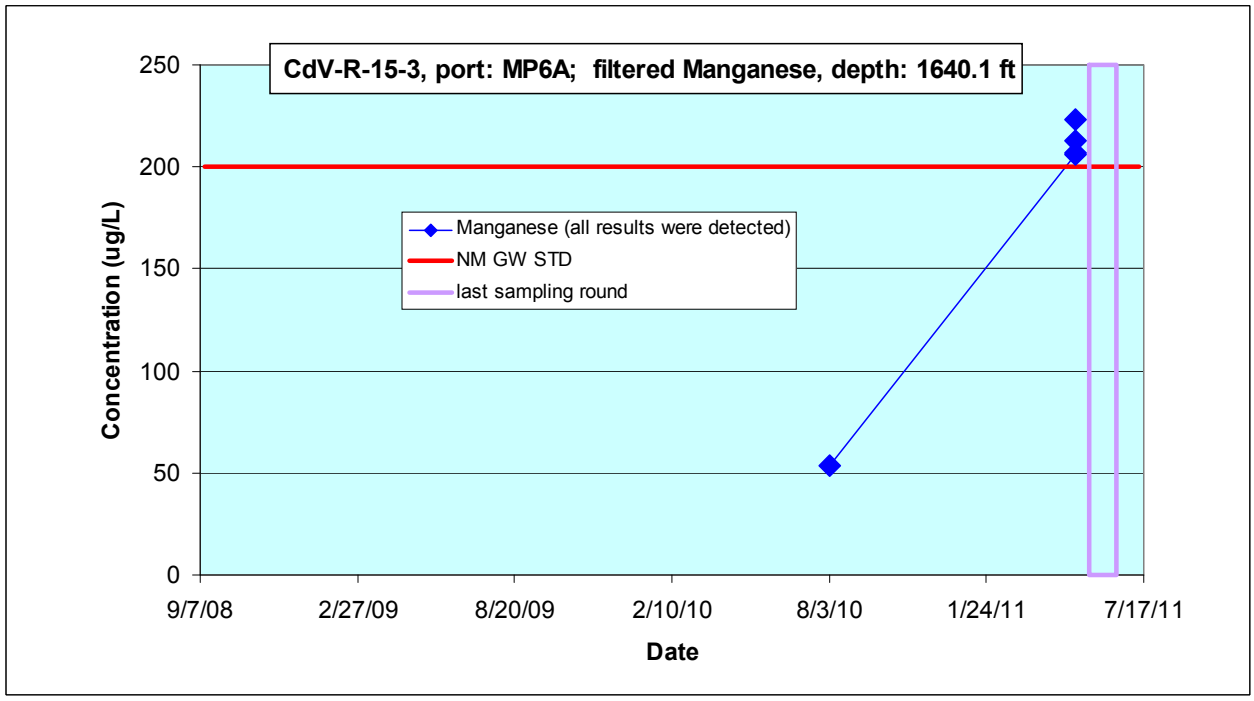

CdV-16-1(i); unfiltered RDX, depth: 624 ft
Concentration (ug/L)
35
30
25
20
15
10
5
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

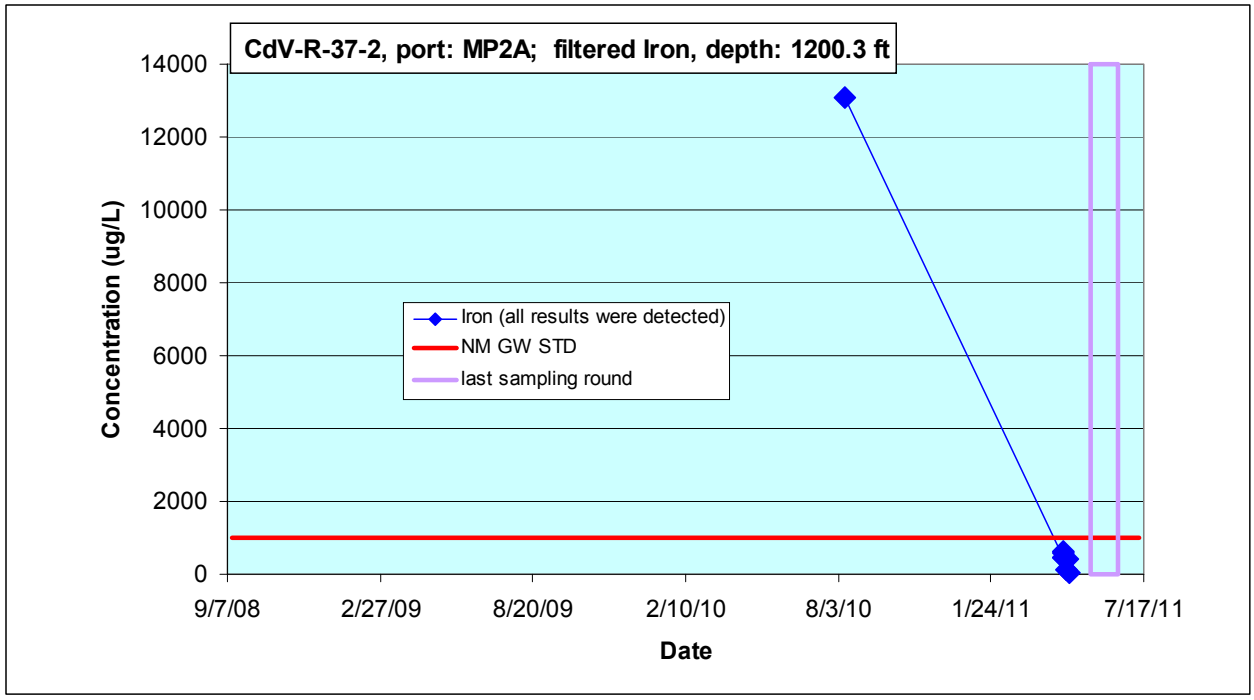

CdV-16-2(i)r; unfiltered RDX, depth: 850 ft
Concentration (ug/L)
90
80
70
60
50
40
30
20
10
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

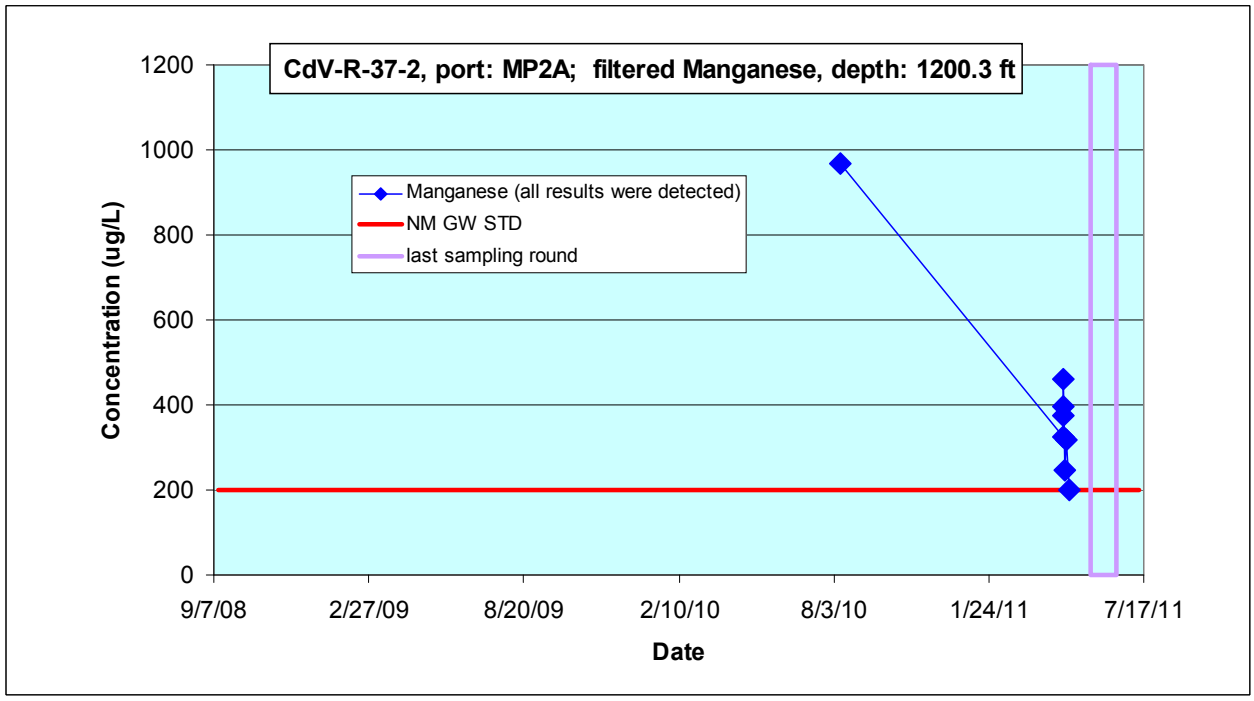

CdV-16-4ip, port: P1A; unfiltered RDX, depth: 815.6 ft
Concentration (ug/L)
300
250
200
150
100
50
0
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

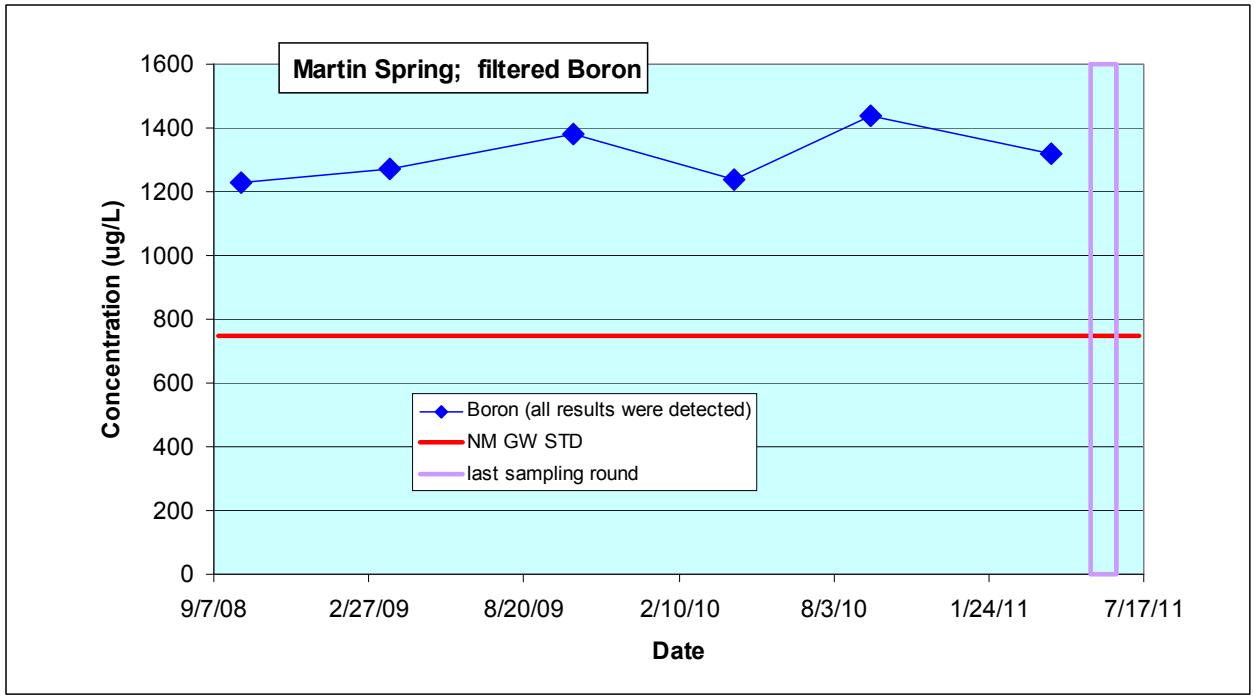

CdV-16-4ip, port: P2A; unfiltered RDX, depth: 1110 ft
Concentration (ug/L)
180
160
140
120
100
80
60
40
20
0
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

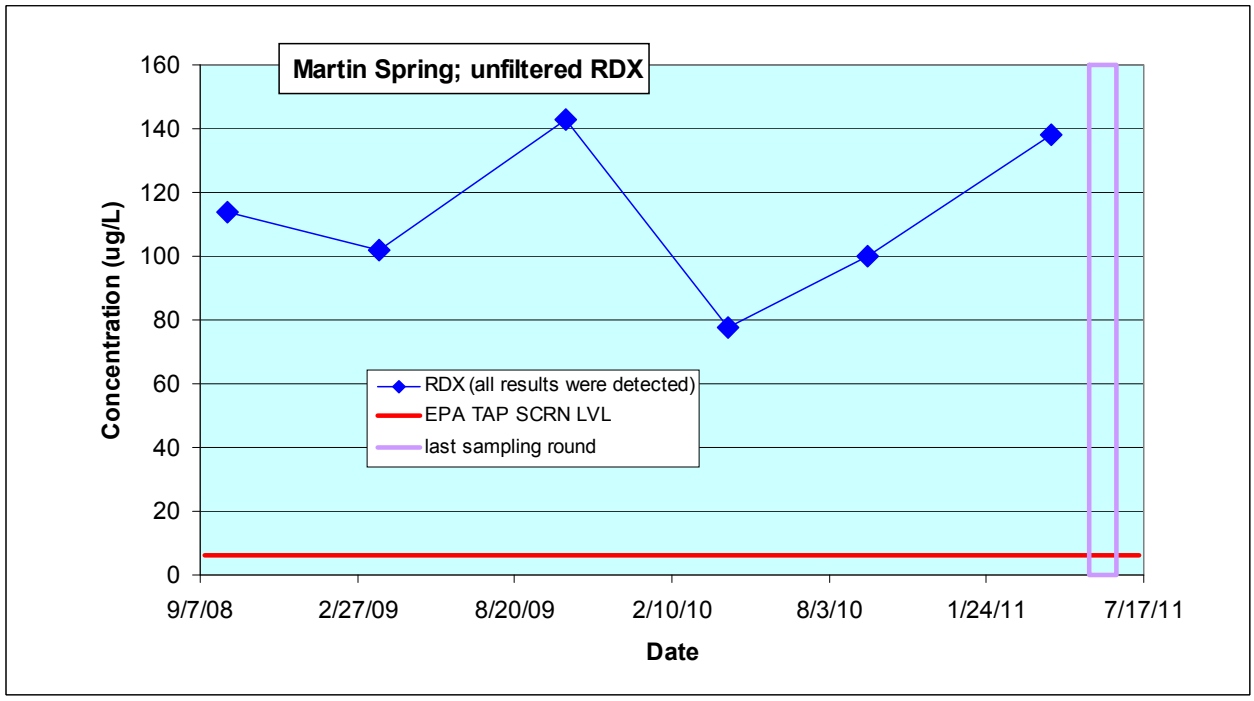

CdV-R-15-3, port: MP5A; filtered Manganese, depth: 1350.1 ft
Concentration (ug/L)
350
300
250
200
150
100
50
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
Manganese (all results were detected)
NM GW STD
last sampling round

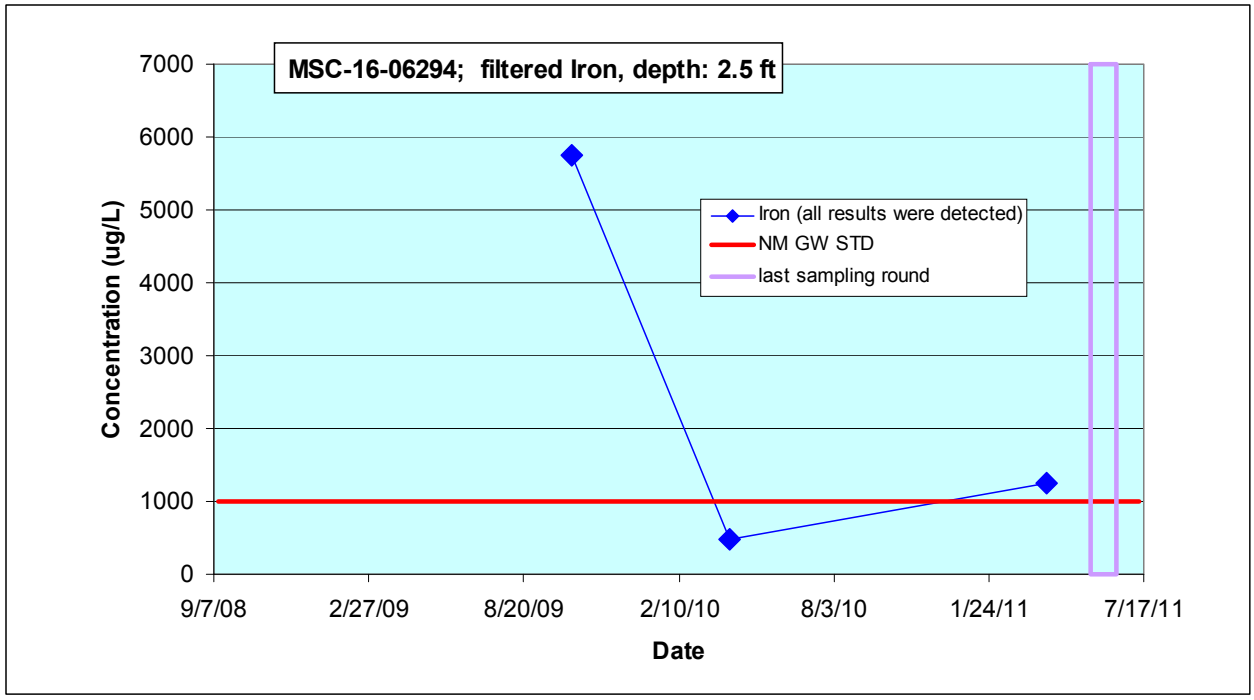

CdV-R-15-3, port: MP6A; filtered Manganese, depth: 1640.1 ft
Concentration (ug/L)
250
200
150
100
50
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
Manganese (all results were detected)
NM GW STD
last sampling round

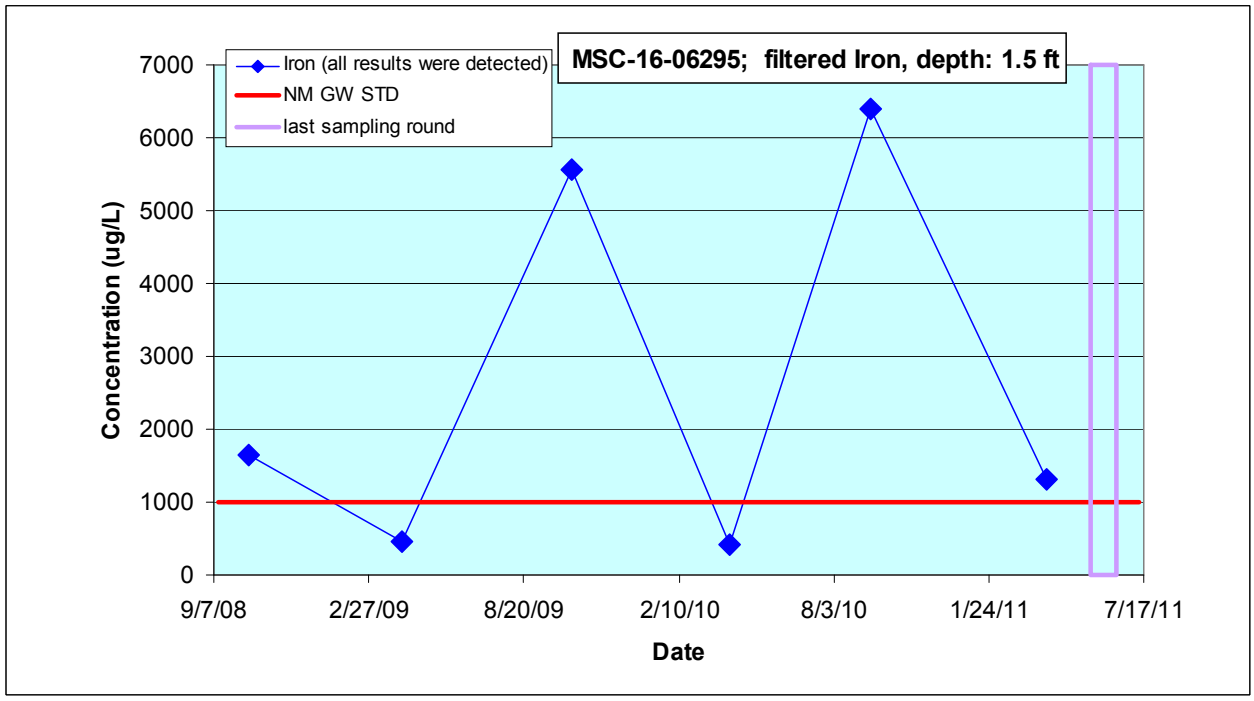

CdV-R-37-2, port: MP2A; filtered Iron, depth: 1200.3 ft
Concentration (ug/L)
14000
12000
10000
8000
6000
4000
2000
0
Iron (all results were detected)
NM GW STD
last sampling round
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

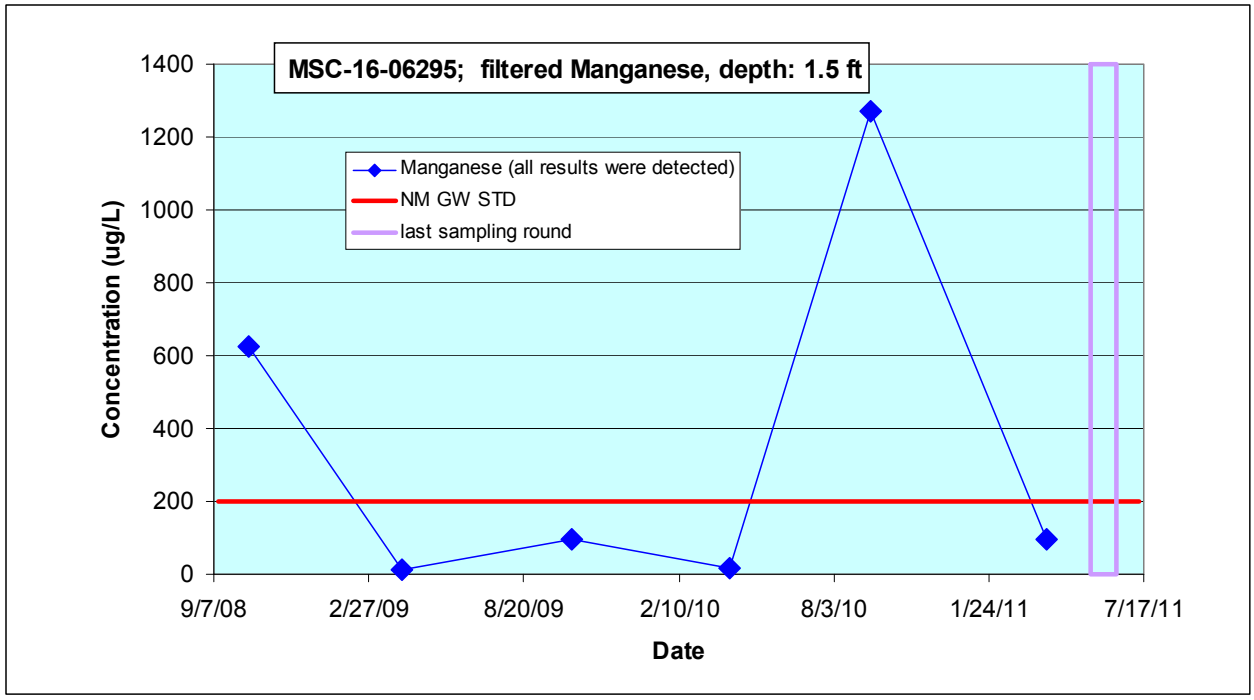

CdV-R-37-2, port: MP2A; filtered Manganese, depth: 1200.3 ft
Concentration (ug/L)
1200
1000
800
600
400
200
0
Manganese (all results were detected)
NM GW STD
last sampling round
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

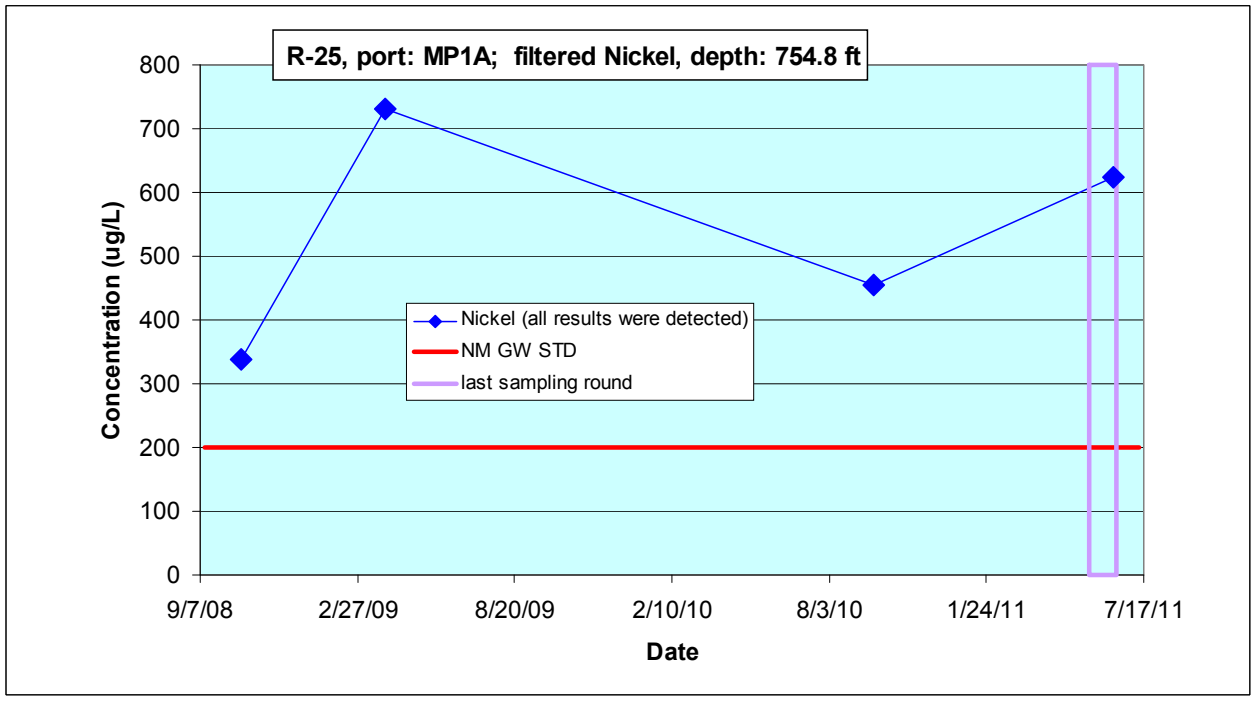

Martin Spring; filtered Boron
Concentration (ug/L)
1600
1400
1200
1000
800
600
400
200
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
Boron (all results were detected)
NM GW STD
last sampling round

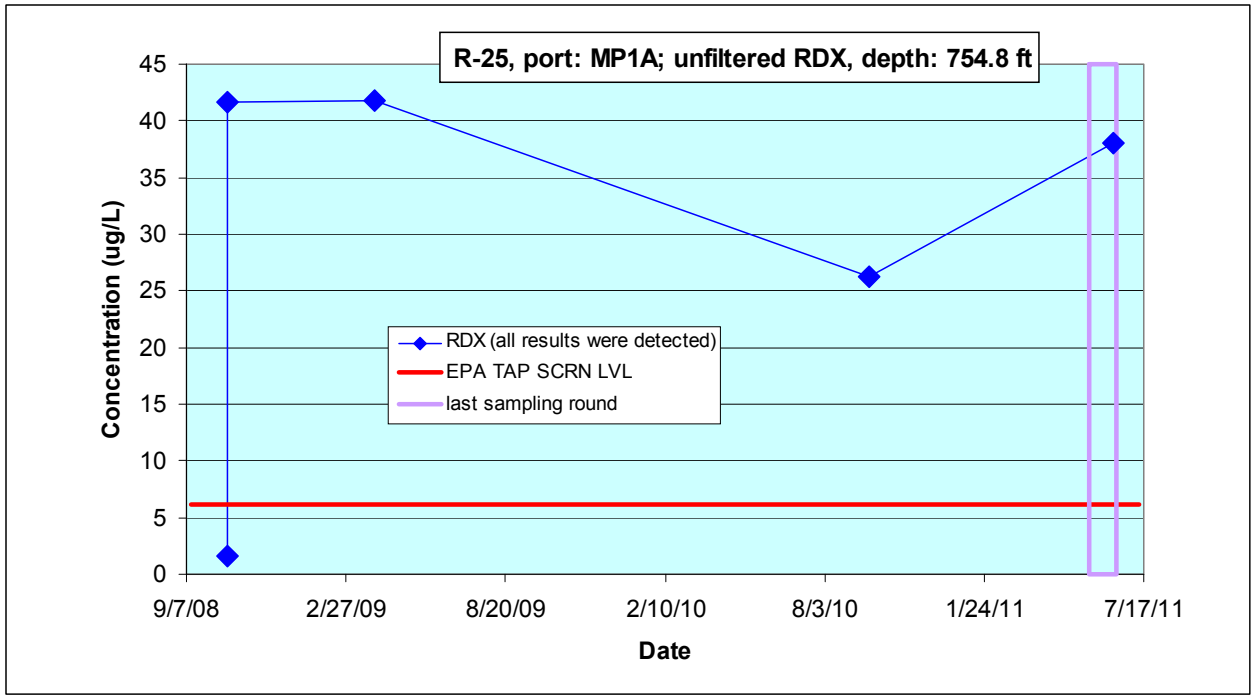

Martin Spring; unfiltered RDX
Concentration (ug/L)
160
140
120
100
80
60
40
20
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

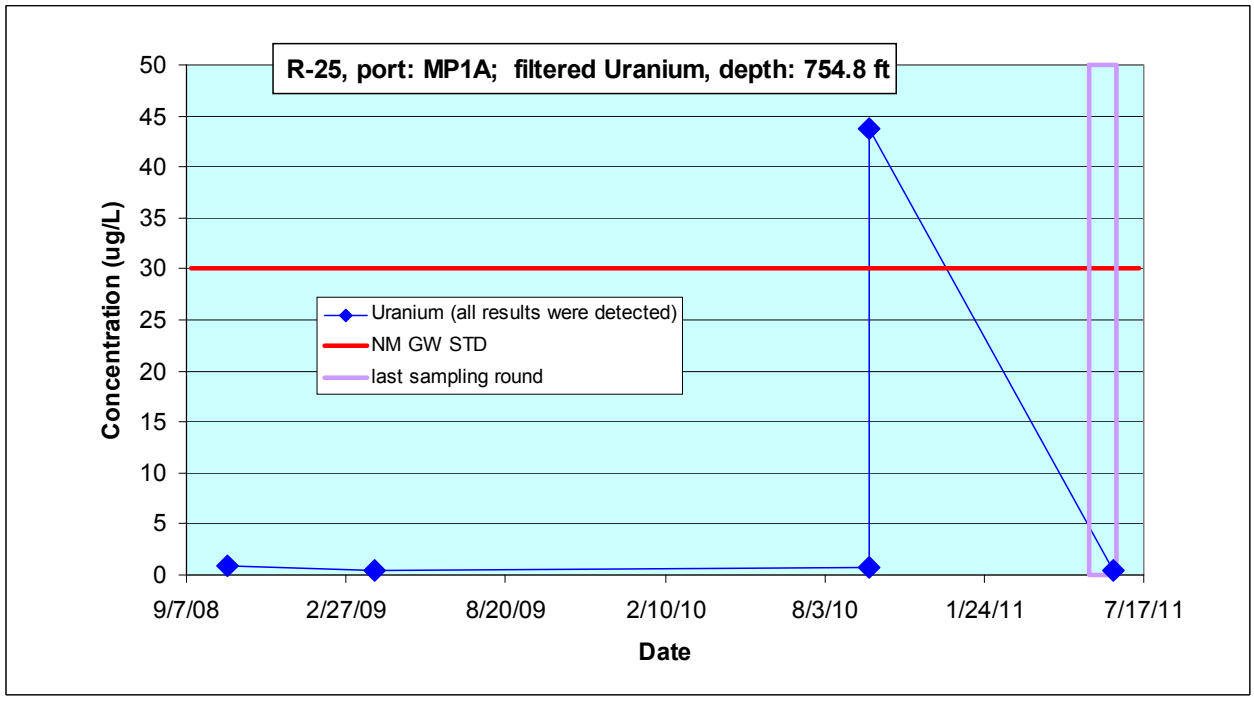

MSC-16-06294; filtered Iron, depth: 2.5 ft
Iron (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
7000
6000
5000
4000
3000
2000
1000
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

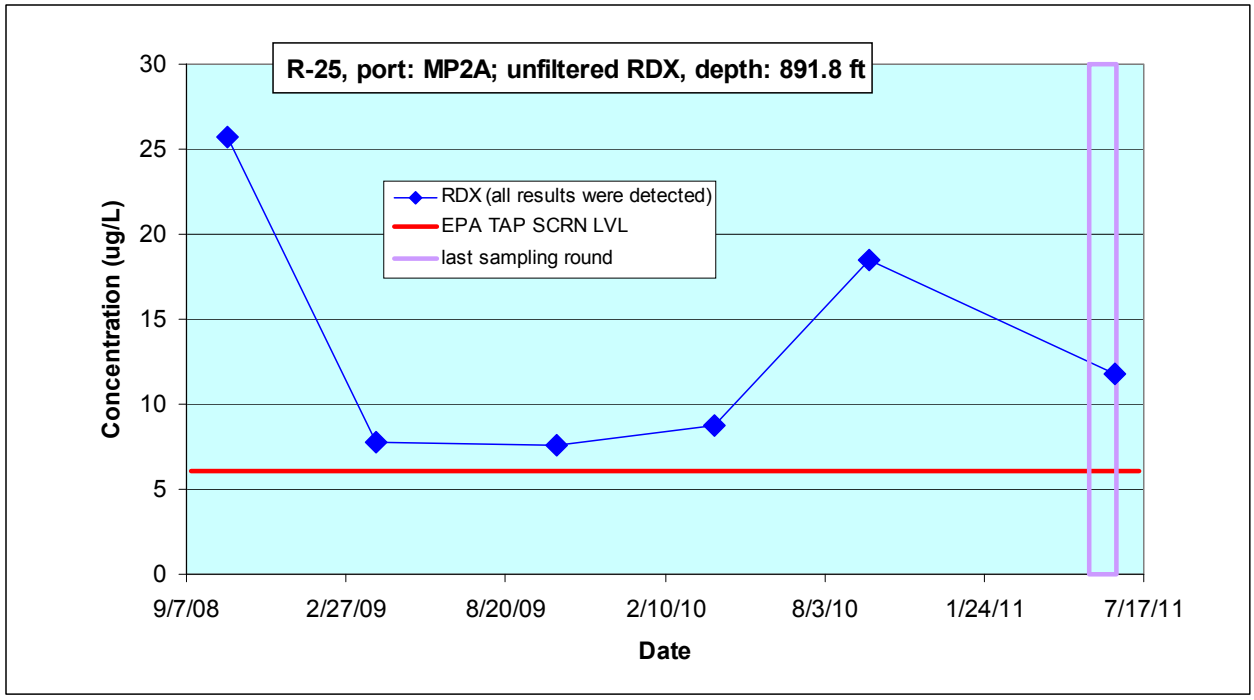

MSC-16-06295; filtered Iron, depth: 1.5 ft
Iron (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
7000
6000
5000
4000
3000
2000
1000
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

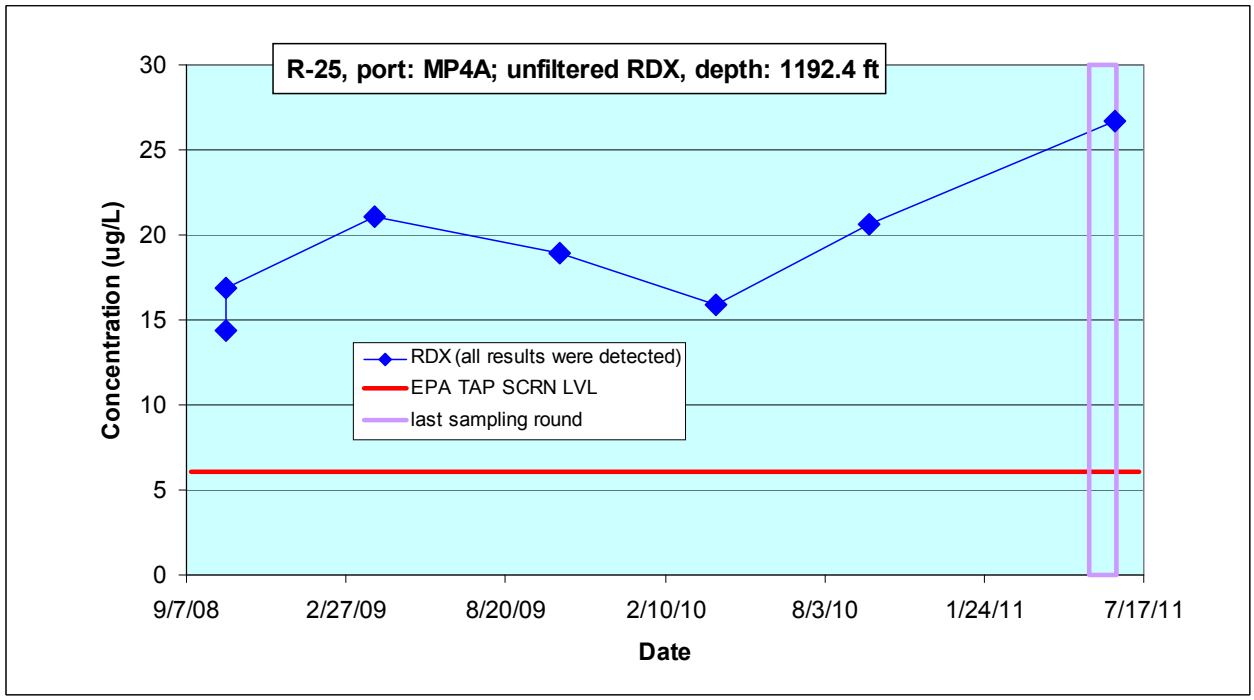

MSC-16-06295; filtered Manganese, depth: 1.5 ft
Manganese (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

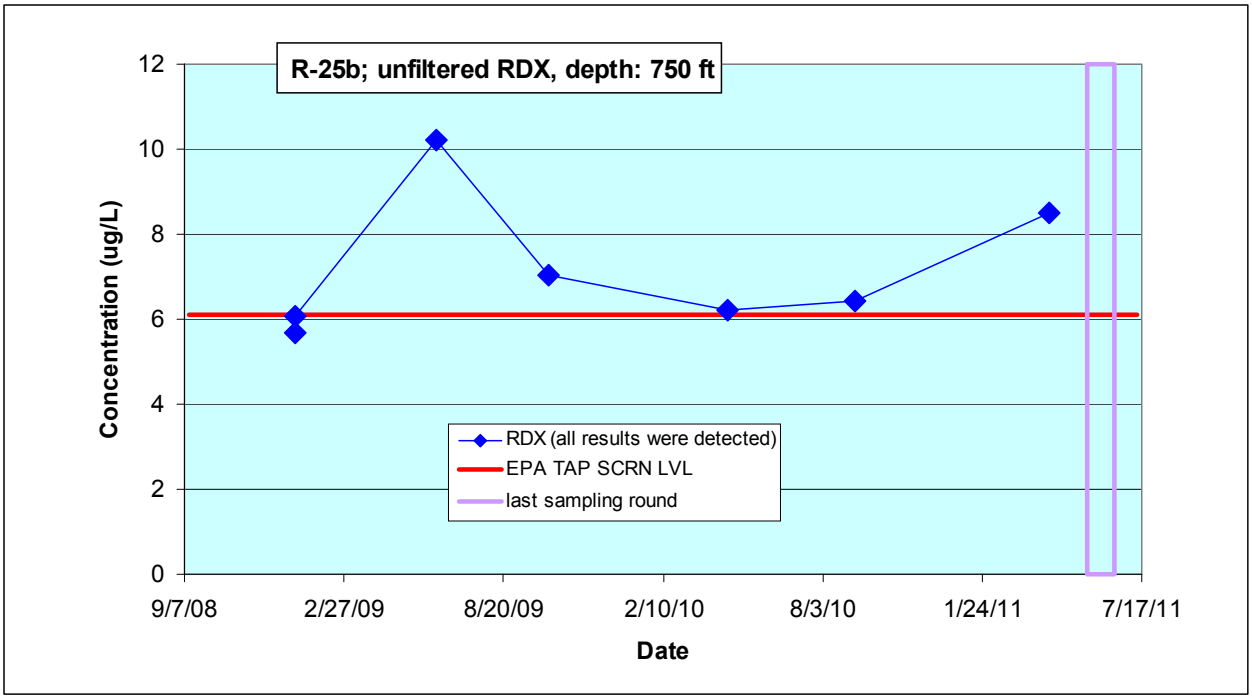

R-25, port: MP1A; filtered Nickel, depth: 754.8 ft
Nickel (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
800
700
600
500
400
300
200
100
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

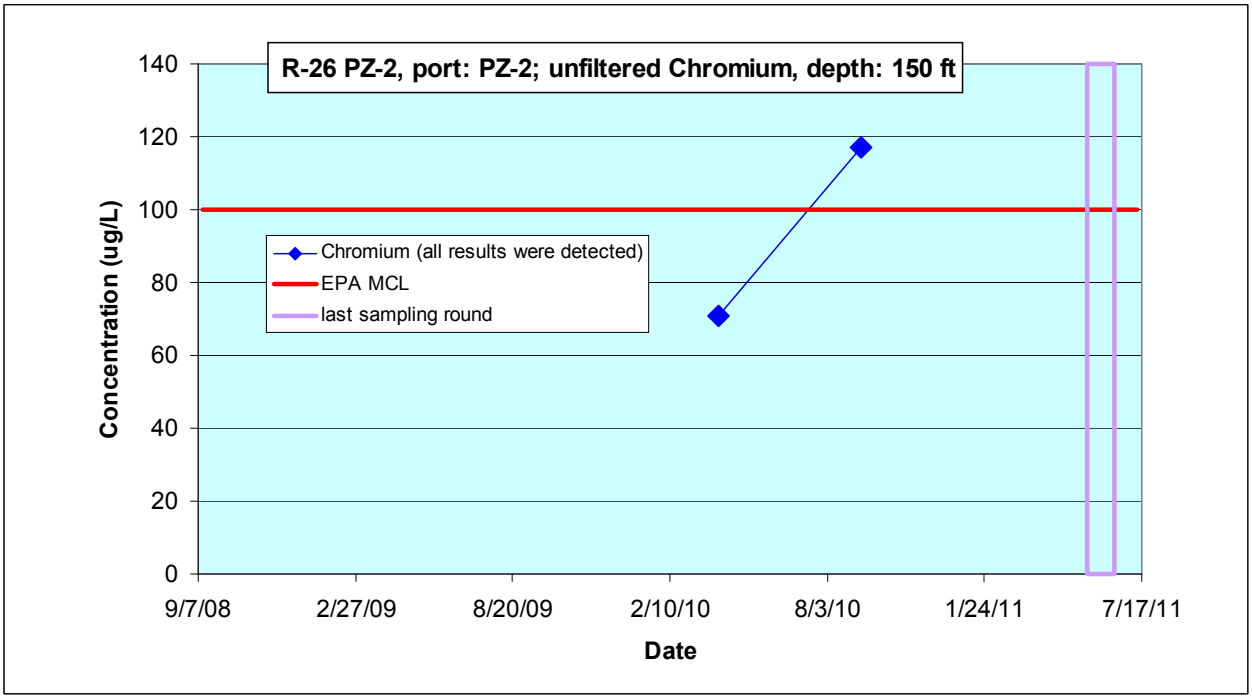

R-25, port: MP1A; unfiltered RDX, depth: 754.8 ft
Concentration (ug/L)
45
40
35
30
25
20
15
10
5
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

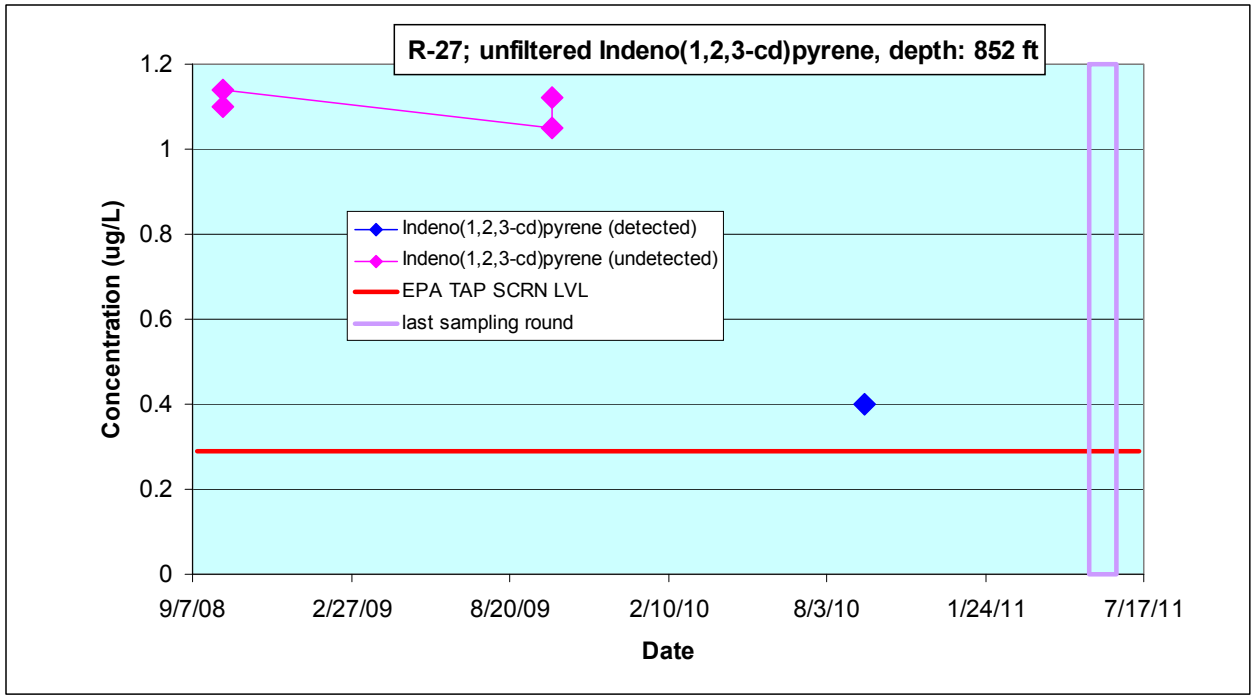

R-25, port: MP1A; filtered Uranium, depth: 754.8 ft
Concentration (ug/L)
50
45
40
35
30
25
20
15
10
5
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
Uranium (all results were detected)
NM GW STD
last sampling round

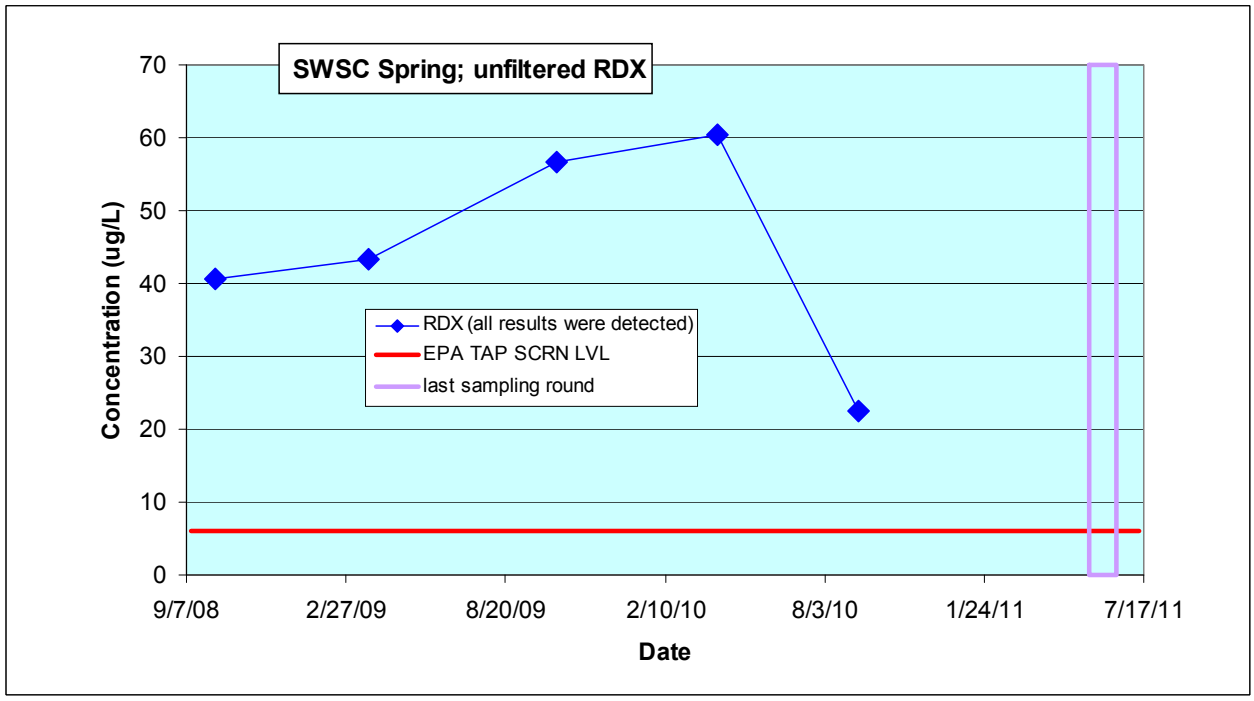

R-25, port: MP2A; unfiltered RDX, depth: 891.8 ft
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
Concentration (ug/L)
0
5
10
15
20
25
30
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

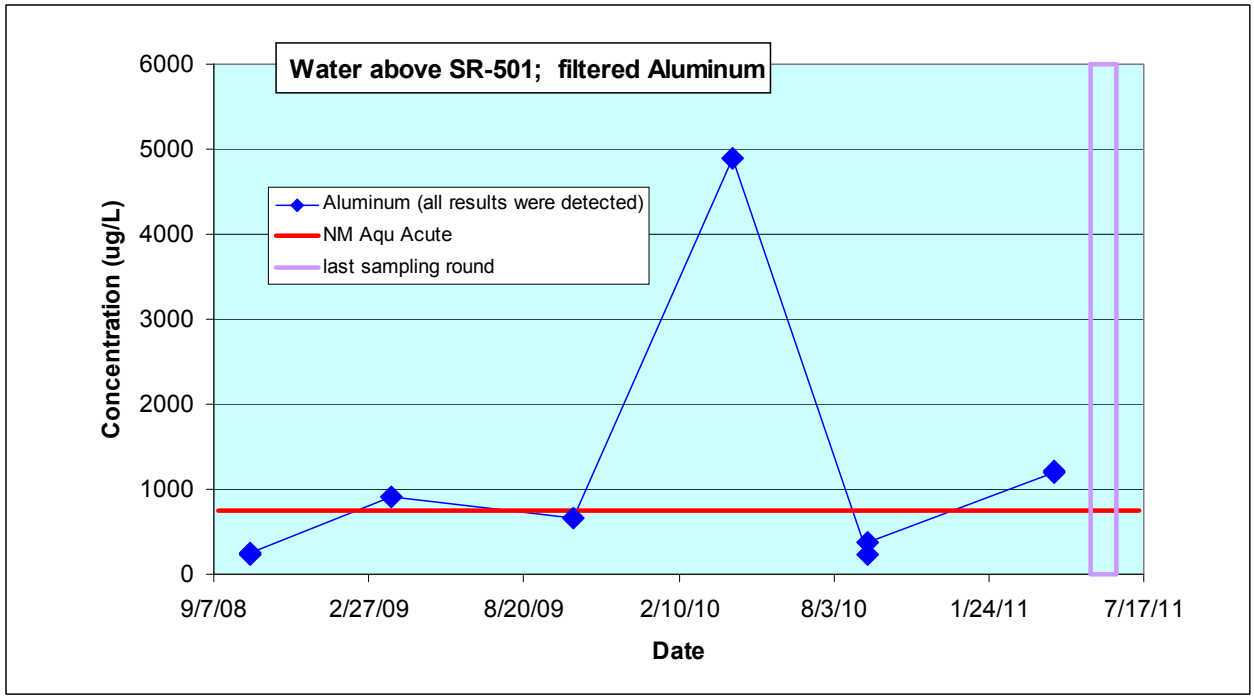

R-25, port: MP4A; unfiltered RDX, depth: 1192.4 ft
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
Concentration (ug/L)
0
5
10
15
20
25
30
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

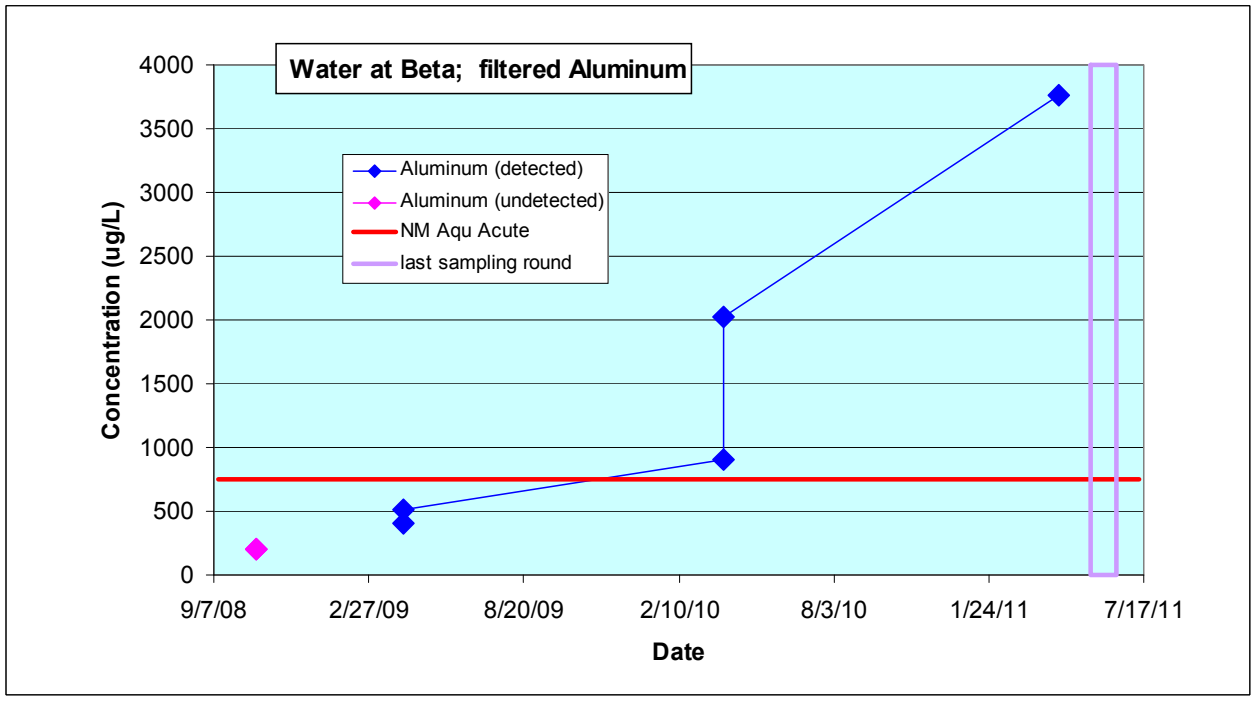

R-25b; unfiltered RDX, depth: 750 ft
Concentration (ug/L)
12
10
8
6
4
2
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round


R-26 PZ-2, port: PZ-2; unfiltered Chromium, depth: 150 ft
Concentration (ug/L)
140
120
100
80
60
40
20
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date
Chromium (all results were detected)
EPA MCL
last sampling round


R-27; unfiltered Indeno(1,2,3-cd)pyrene, depth: 852 ft
Concentration (ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
Indeno(1,2,3-cd)pyrene (detected)
Indeno(1,2,3-cd)pyrene (undetected)
EPA TAP SCRN LVL
last sampling round
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date


SWSC Spring; unfiltered RDX
Concentration (ug/L)
70
60
50
40
30
20
10
0
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date


Water above SR-501; filtered Aluminum
Aluminum (all results were detected)
NM Aqu Acute
last sampling round
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date


Water at Beta; filtered Aluminum
Aluminum (detected)
Aluminum (undetected)
NM Aqu Acute
last sampling round
Concentration (ug/L)
4000
3500
3000
2500
2000
1500
1000
500
0
9/7/08
2/27/09
8/20/09
2/10/10
8/3/10
1/24/11
7/17/11
Date

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2601	HEXP[a]	STSL[b]	CAWA-11-6897	6/1/2011	R-26	659.3
11-2601	HEXP	STSL	CAWA-11-6953	6/1/2011	R-26	659.3
11-2601	HEXP	STSL	CAWA-11-7011	6/1/2011	R-26	659.3
11-2602	GENINORG[c]	GELC[d]	CAWA-11-6896	6/1/2011	R-26	659.3
11-2602	GENINORG	GELC	CAWA-11-6897	6/1/2011	R-26	659.3
11-2602	GENINORG	GELC	CAWA-11-6953	6/1/2011	R-26	659.3
11-2602	GENINORG	GELC	CAWA-11-6957	6/1/2011	R-26	659.3
11-2602	GENINORG	GELC	CAWA-11-7011	6/1/2011	R-26	659.3
11-2602	GENINORG	GELC	CAWA-11-7012	6/1/2011	R-26	659.3
11-2602	HEXP	GELC	CAWA-11-6897	6/1/2011	R-26	659.3
11-2602	HEXP	GELC	CAWA-11-6953	6/1/2011	R-26	659.3
11-2602	HEXP	GELC	CAWA-11-7011	6/1/2011	R-26	659.3
11-2602	SVOA[e]	GELC	CAWA-11-6897	6/1/2011	R-26	659.3
11-2602	SVOA	GELC	CAWA-11-6953	6/1/2011	R-26	659.3
11-2602	SVOA	GELC	CAWA-11-7011	6/1/2011	R-26	659.3
11-2602	VOA[f]	GELC	CAWA-11-6897	6/1/2011	R-26	659.3
11-2602	VOA	GELC	CAWA-11-6901	6/1/2011	R-26	659.3
11-2602	VOA	GELC	CAWA-11-6953	6/1/2011	R-26	659.3
11-2602	VOA	GELC	CAWA-11-6954	6/1/2011	R-26	659.3
11-2602	VOA	GELC	CAWA-11-7008	6/1/2011	R-26	659.3
11-2602	VOA	GELC	CAWA-11-7011	6/1/2011	R-26	659.3
11-2603	GENINORG	GELC	CAWA-11-6896	6/1/2011	R-26	659.3
11-2603	GENINORG	GELC	CAWA-11-6897	6/1/2011	R-26	659.3
11-2603	GENINORG	GELC	CAWA-11-6953	6/1/2011	R-26	659.3
11-2603	GENINORG	GELC	CAWA-11-6957	6/1/2011	R-26	659.3
11-2603	GENINORG	GELC	CAWA-11-7011	6/1/2011	R-26	659.3
11-2603	GENINORG	GELC	CAWA-11-7012	6/1/2011	R-26	659.3
11-2603	METALS	GELC	CAWA-11-6896	6/1/2011	R-26	659.3
11-2603	METALS	GELC	CAWA-11-6897	6/1/2011	R-26	659.3
11-2603	METALS	GELC	CAWA-11-6953	6/1/2011	R-26	659.3
11-2603	METALS	GELC	CAWA-11-6957	6/1/2011	R-26	659.3
11-2603	METALS	GELC	CAWA-11-7011	6/1/2011	R-26	659.3
11-2603	METALS	GELC	CAWA-11-7012	6/1/2011	R-26	659.3
11-2604	SVOA	GELC	CAWA-11-7069	6/1/2011	R-26	659.3
11-2604	SVOA	GELC	CAWA-11-7070	6/1/2011	R-26	659.3
11-2604	VOA	GELC	CAWA-11-7069	6/1/2011	R-26	659.3
11-2604	VOA	GELC	CAWA-11-7070	6/1/2011	R-26	659.3
11-2666	HEXP	STSL	CAWA-11-13983	6/14/2011	R-25	754.8
11-2667	GENINORG	GELC	CAWA-11-13983	6/14/2011	R-25	754.8

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2667	GENINORG	GELC	CAWA-11-13984	6/14/2011	R-25	754.8
11-2667	HEXP	GELC	CAWA-11-13983	6/14/2011	R-25	754.8
11-2667	METALS	GELC	CAWA-11-13983	6/14/2011	R-25	754.8
11-2667	METALS	GELC	CAWA-11-13984	6/14/2011	R-25	754.8
11-2667	VOA	GELC	CAWA-11-13982	6/14/2011	R-25	754.8
11-2667	VOA	GELC	CAWA-11-13983	6/14/2011	R-25	754.8
11-2667	VOA	GELC	CAWA-11-13991	6/14/2011	R-25	754.8
11-2676	GENINORG	GELC	CAWA-11-13986	6/15/2011	R-25	1192.4
11-2676	GENINORG	GELC	CAWA-11-13987	6/15/2011	R-25	1192.4
11-2676	GENINORG	GELC	CAWA-11-13990	6/15/2011	R-25	891.8
11-2676	GENINORG	GELC	CAWA-11-13995	6/15/2011	R-25	1303.4
11-2676	GENINORG	GELC	CAWA-11-13997	6/15/2011	R-25	1303.4
11-2676	METALS	GELC	CAWA-11-13986	6/15/2011	R-25	1192.4
11-2676	METALS	GELC	CAWA-11-13987	6/15/2011	R-25	1192.4
11-2676	METALS	GELC	CAWA-11-13995	6/15/2011	R-25	1303.4
11-2676	METALS	GELC	CAWA-11-13997	6/15/2011	R-25	1303.4
11-2677	HEXP	GELC	CAWA-11-13986	6/15/2011	R-25	1192.4
11-2677	HEXP	GELC	CAWA-11-13989	6/15/2011	R-25	891.8
11-2677	HEXP	GELC	CAWA-11-13995	6/15/2011	R-25	1303.4
11-2677	VOA	GELC	CAWA-11-13985	6/15/2011	R-25	1192.4
11-2677	VOA	GELC	CAWA-11-13986	6/15/2011	R-25	1192.4
11-2677	VOA	GELC	CAWA-11-13988	6/15/2011	R-25	891.8
11-2677	VOA	GELC	CAWA-11-13989	6/15/2011	R-25	891.8
11-2677	VOA	GELC	CAWA-11-13993	6/15/2011	R-25	891.8
11-2677	VOA	GELC	CAWA-11-13994	6/15/2011	R-25	1303.4
11-2677	VOA	GELC	CAWA-11-13995	6/15/2011	R-25	1303.4
11-2679	HEXP	STSL	CAWA-11-13986	6/15/2011	R-25	1192.4
11-2679	HEXP	STSL	CAWA-11-13989	6/15/2011	R-25	891.8
11-2679	HEXP	STSL	CAWA-11-13995	6/15/2011	R-25	1303.4
11-2683	GENINORG	GELC	CAWA-11-14000	6/16/2011	R-25	1406.3
11-2683	GENINORG	GELC	CAWA-11-14001	6/16/2011	R-25	1406.3
11-2683	GENINORG	GELC	CAWA-11-14002	6/16/2011	R-25	1606
11-2683	GENINORG	GELC	CAWA-11-14004	6/16/2011	R-25	1606
11-2683	HEXP	GELC	CAWA-11-14000	6/16/2011	R-25	1406.3
11-2683	HEXP	GELC	CAWA-11-14004	6/16/2011	R-25	1606
11-2683	METALS	GELC	CAWA-11-14000	6/16/2011	R-25	1406.3
11-2683	METALS	GELC	CAWA-11-14001	6/16/2011	R-25	1406.3
11-2683	METALS	GELC	CAWA-11-14002	6/16/2011	R-25	1606
11-2683	METALS	GELC	CAWA-11-14004	6/16/2011	R-25	1606
11-2683	VOA	GELC	CAWA-11-13999	6/16/2011	R-25	1406.3
11-2683	VOA	GELC	CAWA-11-14000	6/16/2011	R-25	1406.3

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2683	VOA	GELC	CAWA-11-14004	6/16/2011	R-25	1606
11-2683	VOA	GELC	CAWA-11-14005	6/16/2011	R-25	1606
11-2684	HEXP	STSL	CAWA-11-14000	6/16/2011	R-25	1406.3
11-2684	HEXP	STSL	CAWA-11-14004	6/16/2011	R-25	1606
11-2696	HEXP	STSL	CAWA-11-14007	6/17/2011	R-25	1796
11-2697	GENINORG	GELC	CAWA-11-14007	6/17/2011	R-25	1796
11-2697	GENINORG	GELC	CAWA-11-14008	6/17/2011	R-25	1796
11-2697	HEXP	GELC	CAWA-11-14007	6/17/2011	R-25	1796
11-2697	METALS	GELC	CAWA-11-14007	6/17/2011	R-25	1796
11-2697	METALS	GELC	CAWA-11-14008	6/17/2011	R-25	1796
11-2697	VOA	GELC	CAWA-11-14007	6/17/2011	R-25	1796
11-2697	VOA	GELC	CAWA-11-14009	6/17/2011	R-25	1796
11-2699	HEXP	STSL	CAWA-11-14062	6/20/2011	CDV-37-1(i)	632
11-2700	GENINORG	GELC	CAWA-11-14061	6/20/2011	CDV-37-1(i)	632
11-2700	GENINORG	GELC	CAWA-11-14062	6/20/2011	CDV-37-1(i)	632
11-2700	HEXP	GELC	CAWA-11-14062	6/20/2011	CDV-37-1(i)	632
11-2700	METALS	GELC	CAWA-11-14061	6/20/2011	CDV-37-1(i)	632
11-2700	METALS	GELC	CAWA-11-14062	6/20/2011	CDV-37-1(i)	632
11-2700	RAD[g]	GELC	CAWA-11-14062	6/20/2011	CDV-37-1(i)	632
11-2700	SVOA	GELC	CAWA-11-14062	6/20/2011	CDV-37-1(i)	632
11-2700	VOA	GELC	CAWA-11-14062	6/20/2011	CDV-37-1(i)	632
11-2700	VOA	GELC	CAWA-11-14063	6/20/2011	CDV-37-1(i)	632
11-2715	HEXP	STSL	CAWA-11-13980	6/20/2011	R-27i	619
11-2716	GENINORG	GELC	CAWA-11-13980	6/20/2011	R-27i	619
11-2716	GENINORG	GELC	CAWA-11-13981	6/20/2011	R-27i	619
11-2716	HEXP	GELC	CAWA-11-13980	6/20/2011	R-27i	619
11-2716	METALS	GELC	CAWA-11-13980	6/20/2011	R-27i	619
11-2716	METALS	GELC	CAWA-11-13981	6/20/2011	R-27i	619
11-2716	RAD	GELC	CAWA-11-13980	6/20/2011	R-27i	619
11-2716	SVOA	GELC	CAWA-11-13980	6/20/2011	R-27i	619
11-2716	VOA	GELC	CAWA-11-13979	6/20/2011	R-27i	619
11-2716	VOA	GELC	CAWA-11-13980	6/20/2011	R-27i	619
11-2726	HEXP	STSL	CAWA-11-13973	6/21/2011	R-47i	840
11-2726	HEXP	STSL	CAWA-11-13977	6/21/2011	R-47i	840
11-2727	GENINORG	GELC	CAWA-11-13973	6/21/2011	R-47i	840
11-2727	GENINORG	GELC	CAWA-11-13977	6/21/2011	R-47i	840
11-2727	HEXP	GELC	CAWA-11-13973	6/21/2011	R-47i	840
11-2727	HEXP	GELC	CAWA-11-13977	6/21/2011	R-47i	840
11-2727	VOA	GELC	CAWA-11-13973	6/21/2011	R-47i	840
11-2727	VOA	GELC	CAWA-11-13975	6/21/2011	R-47i	840
11-2727	VOA	GELC	CAWA-11-13977	6/21/2011	R-47i	840

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2727	VOA	GELC	CAWA-11-13978	6/21/2011	R-47i	840
11-2728	GENINORG	GELC	CAWA-11-13973	6/21/2011	R-47i	840
11-2728	GENINORG	GELC	CAWA-11-13974	6/21/2011	R-47i	840
11-2728	GENINORG	GELC	CAWA-11-13976	6/21/2011	R-47i	840
11-2728	GENINORG	GELC	CAWA-11-13977	6/21/2011	R-47i	840
11-2728	METALS	GELC	CAWA-11-13973	6/21/2011	R-47i	840
11-2728	METALS	GELC	CAWA-11-13974	6/21/2011	R-47i	840
11-2728	METALS	GELC	CAWA-11-13976	6/21/2011	R-47i	840
11-2728	METALS	GELC	CAWA-11-13977	6/21/2011	R-47i	840
11-2728	RAD	GELC	CAWA-11-13973	6/21/2011	R-47i	840
11-2728	RAD	GELC	CAWA-11-13977	6/21/2011	R-47i	840
11-2740	DIOX/FUR[h]	CFA[i]	CAWA-11-14624	6/22/2011	R-63	1325
11-2741	HEXP	STSL	CAWA-11-14624	6/22/2011	R-63	1325
11-2742	GENINORG	GELC	CAWA-11-14623	6/22/2011	R-63	1325
11-2742	GENINORG	GELC	CAWA-11-14624	6/22/2011	R-63	1325
11-2742	HEXP	GELC	CAWA-11-14624	6/22/2011	R-63	1325
11-2742	METALS	GELC	CAWA-11-14623	6/22/2011	R-63	1325
11-2742	METALS	GELC	CAWA-11-14624	6/22/2011	R-63	1325
11-2742	PEST/PCB[j]	GELC	CAWA-11-14624	6/22/2011	R-63	1325
11-2742	RAD	GELC	CAWA-11-14624	6/22/2011	R-63	1325
11-2742	SVOA	GELC	CAWA-11-14622	6/22/2011	R-63	1325
11-2742	SVOA	GELC	CAWA-11-14624	6/22/2011	R-63	1325
11-2742	VOA	GELC	CAWA-11-14621	6/22/2011	R-63	1325
11-2742	VOA	GELC	CAWA-11-14622	6/22/2011	R-63	1325
11-2742	VOA	GELC	CAWA-11-14624	6/22/2011	R-63	1325
11-2745	HEXP	STSL	CAWA-11-14011	6/22/2011	R-48	1500
11-2745	HEXP	STSL	CAWA-11-14013	6/22/2011	R-48	1500
11-2745	HEXP	STSL	CAWA-11-14016	6/22/2011	R-48	1500
11-2746	DIOX/FUR	CFA	CAWA-11-14016	6/22/2011	R-48	1500
11-2747	GENINORG	GELC	CAWA-11-14011	6/22/2011	R-48	1500
11-2747	GENINORG	GELC	CAWA-11-14013	6/22/2011	R-48	1500
11-2747	GENINORG	GELC	CAWA-11-14016	6/22/2011	R-48	1500
11-2747	HEXP	GELC	CAWA-11-14011	6/22/2011	R-48	1500
11-2747	HEXP	GELC	CAWA-11-14013	6/22/2011	R-48	1500
11-2747	HEXP	GELC	CAWA-11-14016	6/22/2011	R-48	1500
11-2747	PEST/PCB	GELC	CAWA-11-14016	6/22/2011	R-48	1500
11-2747	SVOA	GELC	CAWA-11-14016	6/22/2011	R-48	1500
11-2747	VOA	GELC	CAWA-11-14011	6/22/2011	R-48	1500
11-2747	VOA	GELC	CAWA-11-14012	6/22/2011	R-48	1500
11-2747	VOA	GELC	CAWA-11-14013	6/22/2011	R-48	1500
11-2747	VOA	GELC	CAWA-11-14015	6/22/2011	R-48	1500

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2747	VOA	GELC	CAWA-11-14016	6/22/2011	R-48	1500
11-2748	GENINORG	GELC	CAWA-11-14010	6/22/2011	R-48	1500
11-2748	GENINORG	GELC	CAWA-11-14011	6/22/2011	R-48	1500
11-2748	GENINORG	GELC	CAWA-11-14013	6/22/2011	R-48	1500
11-2748	GENINORG	GELC	CAWA-11-14014	6/22/2011	R-48	1500
11-2748	GENINORG	GELC	CAWA-11-14016	6/22/2011	R-48	1500
11-2748	METALS	GELC	CAWA-11-14010	6/22/2011	R-48	1500
11-2748	METALS	GELC	CAWA-11-14011	6/22/2011	R-48	1500
11-2748	METALS	GELC	CAWA-11-14013	6/22/2011	R-48	1500
11-2748	METALS	GELC	CAWA-11-14014	6/22/2011	R-48	1500
11-2748	METALS	GELC	CAWA-11-14016	6/22/2011	R-48	1500
11-2749	RAD	GELC	CAWA-11-14011	6/22/2011	R-48	1500
11-2749	RAD	GELC	CAWA-11-14013	6/22/2011	R-48	1500
11-2749	RAD	GELC	CAWA-11-14016	6/22/2011	R-48	1500

[a] HEXP = High explosives.

[b] STSL = Severn Trent Laboratories, Inc.

[c] GENINORG = General inorganics.

[d] GELC = General Engineering Laboratories, Inc.

[e] SVOA = Semivolatile organic analysis.

[f] VOA = Volatile organic analysis.

[g] RAD = Radionuclides.

[h] DIOX/FUR = Dioxins and furans.

[i] CFA = Cape Fear Analytical, LLC.

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