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Periodic Monitoring Report for Technical Area 16 260 Monitoring Group, March 3–March 20, 2014



Prepared by the Environmental Programs Directorate

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EP2014-0387

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August 2014

Responsible project manager:

Printed Name	Signature	Title	Organization	Date
Steve Paris		Project Manager	Environmental Programs	8/11/14

Responsible LANS representative:

Printed Name	Signature	Title	Organization	Date
Jeff Mousseau		Associate Director	Environmental Programs	8/13/14

Responsible DOE representative:

Printed Name	Signature	Title	Organization	Date
Peter Maggiore		Assistant Manager	DOE-NA-LA	8-20-2014

EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the fiscal year 2014, second quarter, periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Technical Area 16 260 monitoring group. This PME was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2014 Monitoring Year, October 2013–September 2014, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from March 3 to March 20, 2014, and included the monitoring of groundwater wells or well screens, springs, and surface-water locations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

Water samples collected from various locations during this PME were analyzed for metals; volatile organic compounds; semivolatile organic compounds; high explosives; radionuclides, including low-level tritium; general inorganic chemicals, including perchlorate; stable isotopes; and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

No results from previous sampling of PME surface-water monitoring locations are reported in this PMR. No results from surface-water locations sampled during the current PME were above applicable screening levels.

One result from groundwater samples collected before this PME and reported in this PMR was above screening levels. Nine results from groundwater samples collected during this PME were above screening levels.

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Acronyms and Abbreviations

amsl	above mean sea level
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations (U.S.)
Consent Order	Compliance Order on Consent
DCS	Derived Concentration Technical Standard (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
gpm	gallons per minute
HE	high explosives
HMX	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDL	method detection limit
N	no (best value flag code)
NMED	New Mexico Environment Department
NM HH OO	Human health organism only, New Mexico surface-water standards
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PMR	periodic monitoring report
PQL	practical quantitation limit
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RPF	Records Processing Facility
SOP	standard operating procedure
TA	technical area
TNT	2,4,6-trinitrotoluene
UF	unfiltered
VOC	volatile organic compound
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of fiscal year 2014, second quarter, semiannual groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Technical Area 16 (TA-16) 260 monitoring group. Monitoring was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2014 Monitoring Year, October 2013–September 2014 (2014 IFGMP) (LANL 2013, 241962), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from March 3 to March 20, 2014, and included sampling of groundwater wells or well screens, springs, and surface-water locations.

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

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

This report presents the following information:

- general background information on the monitoring group
- field-measurement monitoring results
- water-quality monitoring results
- screening analysis results (comparing these PME results with 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 TA-16 260 monitoring group was established for the upper Water Canyon/Cañon de Valle watershed to monitor contaminants released from Consolidated Unit 16-021(c)-99, which is the TA-16 260 Outfall (hereafter, the 260 Outfall), and other sites at TA-16. The 260 Outfall is a former high explosives– (HE-) machining outfall that discharged HE-bearing water to Cañon de Valle for almost 50 yr and is the predominant source of contaminants detected in groundwater in the Water Canyon/Cañon de Valle area. These discharges contaminated soils, sediments, surface waters, spring waters, and intermediate-perched and regional groundwater at TA-16.

The TA-16 260 monitoring group includes springs, alluvial wells, and wells completed in several deeper intermediate-perched groundwater zones and in the regional aquifer. Shallow monitoring locations such

as the springs and alluvial wells are included in this monitoring group because they contain HE, barium, and volatile organic compound (VOC) contamination related to past activities at the 260 Outfall and other sites in the area.

TA-16 is located in the southwest corner of the Laboratory and was established to develop explosive formulations, cast and machine explosive charges, and assemble and test explosive components for the nuclear weapons program. TA-16 is bordered by Bandelier National Monument along NM 4 to the south and by the Santa Fe National Forest along NM 501 to the west. To the north and east, it is bordered by TA-08, TA-09, TA-11, TA-14, TA-15, TA-37, and TA-49. Water Canyon, which is 200 ft deep with steep walls, separates NM 4 from active sites at TA-16. Cañon de Valle forms the northern border of TA-16.

Discharges from the former 260 Outfall at Consolidated Unit 16-021(c)-99 from 1951 through 1996 served as a primary source of HE and inorganic contamination found throughout the site (LANL 1998, 059891; LANL 2003, 085531). Results of the 260 Outfall corrective measures evaluation (LANL 2007, 098734) show the drainage channel below the outfall and the canyon bottom as well as surface water, alluvial groundwater, and intermediate-perched groundwater are contaminated with explosive compounds, including RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine); HMX (octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine); TNT (2,4,6-trinitrotoluene); and barium. In addition, the VOCs tetrachloroethene and trichloroethene have been detected in springs, alluvial groundwater, and intermediate-perched groundwater.

2.0 SCOPE OF ACTIVITIES

The PME for the TA-16 260 monitoring group was conducted pursuant to the 2014 IFGMP (LANL 2013, 241962).

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

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2014 IFGMP (LANL 2013, 241962).

3.2 Field Parameter Results

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

3.3 Groundwater Elevations and Base-Flow Observations

The periodic monitoring water-level data for the previous 2 yr 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 were recorded immediately before sampling. The groundwater-elevation measurements are shown graphically on Plate 1. Similarly, base-flow measurements are shown graphically in Figure 3.3-1.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the fieldwork deviations from the planned scope of the PME. Table 3.4-2 presents a list of analytes for which the method detection limits (MDLs) are greater than screening levels. For some of these analytes, the MDL is much lower than for earlier analyses: the MDL for hexachlorobenzene is 0.3% of the prior MDL, and the MDL for n-nitrosodimethylamine is 15% of the prior MDL. The MDL for 2-chloro-1,3-butadiene is just 5% above the EPA regional tap water screening level. Table 3.4-3 presents a list of analytes for which the MDLs are now below screening levels.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PME are documented in the 2014 IFGMP (LANL 2013, 241962). Purge water is managed and characterized in accordance with waste profile form 39268, a copy of which was included in Appendix F of a previous PMR (LANL 2008, 103737), and ENV-RCRA-QP-010.3, Land Application of Groundwater. ENV-RCRA-QP-010.3 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling of purge water.

All sampling, data reviews, and data package validations were conducted using standard operating procedures (SOPs) that are part of a comprehensive quality assurance program. The procedures are listed at http://www.lanl.gov/community-environment/environmental-stewardship/plans-procedures.php and are available at eprr.lanl.gov. Completed chain-of-custody forms serve as analytical request forms and include the requester or owner, sample number, program code, date and time of sample collection, total number of bottles, list of analytes to be measured, bottle sizes, and preservatives for each required analysis.

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

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

After the Laboratory receives the analytical laboratory data packages, the packages receive secondary validation. For data collected before March 2012, validation was done by an independent contractor, Analytical Quality Associates, Inc. (AQA). After that date, validation is done by an automated process after data are loaded.

Data validation determines the quality of an analytical data set. Data validation focuses on specific quality assurance samples, such as matrix spikes, duplicates, surrogates, method blanks, and laboratory control samples, and holding times, which indicate the accuracy and precision of the analyses. Based on the results, data qualifiers are applied to indicate data quality issues as well as the usability of results. This process also includes a description of the reasons for any failure to meet method, procedural, or contractual requirements and an evaluation of the impact of such failure on the overall data set.

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

Auto validation (1) ensures that the electronic data deliverable contains all the required fields, (2) verifies that results of all QC checks and procedures are within valid criteria limits, and (3) applies specific qualifiers and reason codes per the EPA's National Functional Guidelines for data review as well as the Laboratory's SOPs. Once auto validation is complete, the data are uploaded into the Laboratory's database system and the public database (http://intellusnm.com/).

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

4.2 Analytical Data

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

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

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

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

be rejected and assigned a best value flag of N, and the reanalysis result may be marked with a best value flag of Y. The best value flag is included in Appendix C.

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

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral (Table 4.2-2). Along with a hardness value, this category determines the screening levels used for data at each monitoring location. Hardness-dependent screening levels used to screen data at each base-flow monitoring location are determined using the geometric mean of hardness data (mg/L as calcium carbonate) collected from 2006 to 2010 at each location (Table 4.2-2). Hardness-dependent acute and chronic criteria were used for total aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code (NMAC) 6.4.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.
- Other groundwater data are screened to groundwater cleanup levels described in Section VIII.A.1 of the Consent Order; for an individual substance, the lesser of the EPA MCL or the NMWQCC groundwater standard is used.
- If an NMWQCC standard or an MCL has not been established for a specific substance for which toxicological information is published, the EPA regional screening levels for tap water (formerly Region 6 screening levels for tap water) are used as the groundwater cleanup level. These screening levels are for either a cancer- or noncancer-risk type. The Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels are for 10^{-6} excess cancer risk, so 10 times the EPA 10^{-6} screening levels are used for screening. This report was prepared using the May 2014 EPA regional screening levels.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. EPA MCLs are applied to both filtered and unfiltered sample results.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Technical Standards (DCSs) for groundwater.

The results of data screening for this PMR are presented in Appendix D. This appendix shows all analytical results greater than half the lowest applicable screening levels. Results with a best value flag of N are included in Appendix D but not discussed in the text.

Table 4.2-3 provides groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that are above screening levels. Multiple detections of a particular constituent at a location are counted as one result. For example, if aluminum is detected above a screening level in both a primary sample and a field duplicate, only the highest result is shown.

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

Figures 4.2-1 and 4.2-2 show concentrations at all locations from the current PME for analytes that exceed their screening level at more than one sampling location. For example, filtered barium was above the NMWQCC groundwater standard screening level at more than one well, so all available barium 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 sampling of PME surface-water monitoring locations are reported in this PMR. No results from surface-water locations sampled during the current PME were above applicable screening levels.

4.2.2 Groundwater

For a December 18, 2013, sampling event at CDV-16-4ip S1 (the 815-ft intermediate screen 1), the 148-µg/L RDX concentration was above the 7-µg/L EPA tap water screening level. For the current PME, the March 17, 2014, field duplicate and primary sample results were 120 µg/L and 132 µg/L, respectively, also above the screening level. The 12 results from screen 1, since the first in August 2010, range from 120 µg/L to 265 µg/L.

For the current PME, the filtered barium concentrations at three Cañon de Valle alluvial wells were above the NMWQCC groundwater standard screening level of 1000 µg/L. At CDV-16-02656 and CDV-16-02659, the new results of 2920 µg/L and 5350 µg/L, respectively, are within the ranges measured at the wells since 1997. The ranges at these wells are 2030 µg/L to 5150 µg/L for CDV-16-02656 and 4580 µg/L to 13,600 µg/L for CDV-16-02659. At CDV-16-611923, the new result of 9130 µg/L is below the previous range of 10,600 µg/L to 49,400 µg/L measured since 2010.

The filtered boron concentration of 898 µg/L from intermediate groundwater location Martin Spring was above the 750-µg/L NMWQCC groundwater standard screening level (for irrigation use). Concentrations in samples taken here since 1995 range from 570 µg/L to 2840 µg/L.

The RDX concentrations in three intermediate wells or well ports and two intermediate springs were above the EPA tap water screening level of 7 µg/L. The RDX results for CDV-16-4ip S1 (the 815-ft intermediate screen 1) were discussed above. For the other intermediate locations, RDX has been measured at similar concentrations at each location over the duration of sampling, which is at least 16 yr in the springs and 8 yr in the wells.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the TA-16 260 monitoring group are proposed at this time.

5.0 SUMMARY AND INTERPRETATIONS

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

No results from previous PME surface-water samples are reported in this PMR. No results from surface-water locations sampled during the current PME were above screening levels.

5.2.2 Groundwater

One result from groundwater samples collected before this PME and reported in this PMR was above screening levels. Nine results from groundwater samples collected during this PME were above screening levels.

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

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.

5.4 Remediation System Monitoring

Remediation system monitoring is not applicable to the TA-16 260 monitoring group because no systems are installed in the monitoring group area.

6.0 REFERENCES

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

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

LANL (Los Alamos National Laboratory), September 1998. "RFI Report for Potential Release Site 16-021(c)," Los Alamos National Laboratory document LA-UR-98-4101, Los Alamos, New Mexico. (LANL 1998, 059891)

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), August 2007. "Corrective Measures Evaluation Report, Intermediate and Regional Groundwater, Consolidated Unit 16-021(c)-99," Los Alamos National Laboratory document LA-UR-07-5426, Los Alamos, New Mexico. (LANL 2007, 098734)

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

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

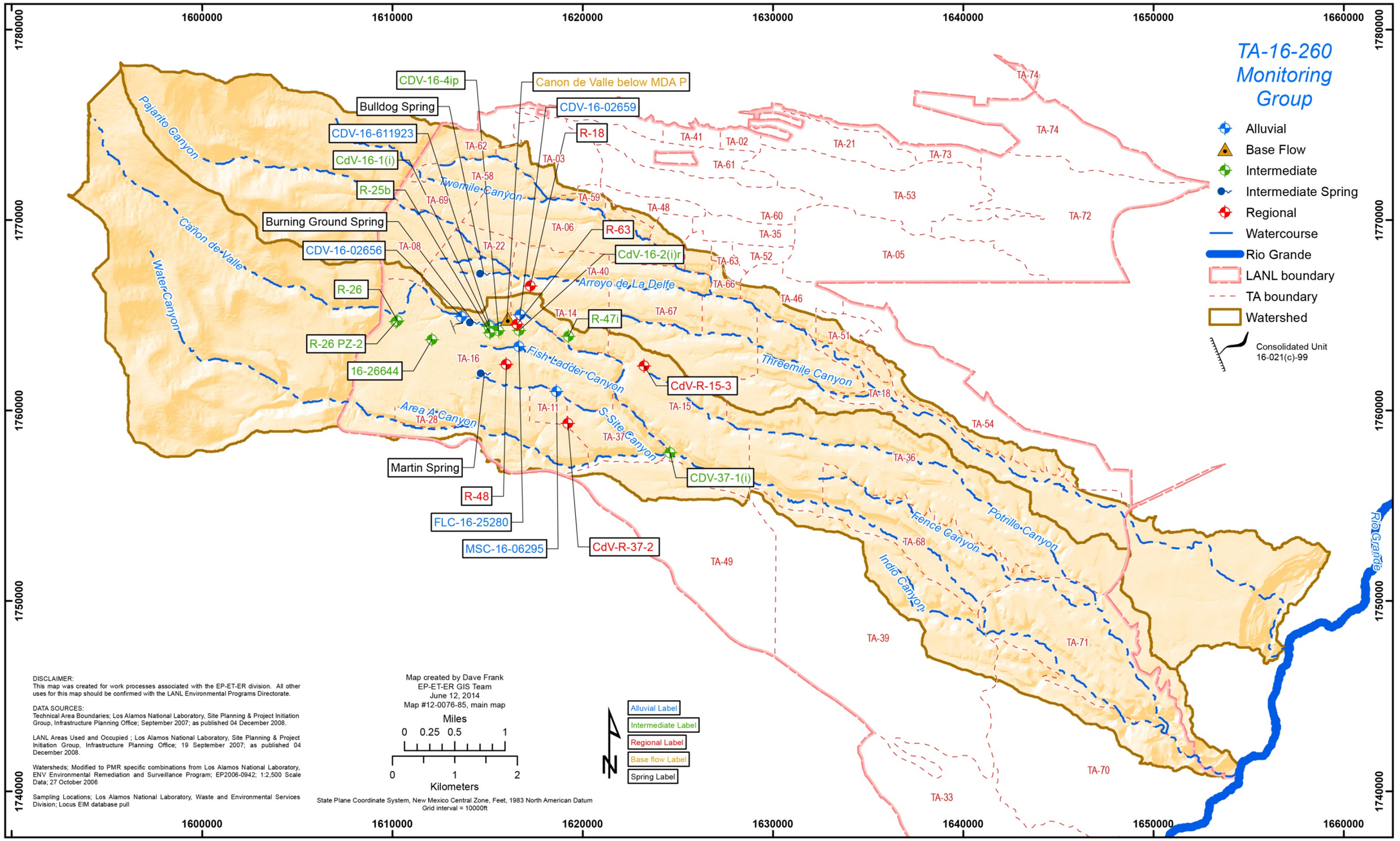


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 3.4-1)

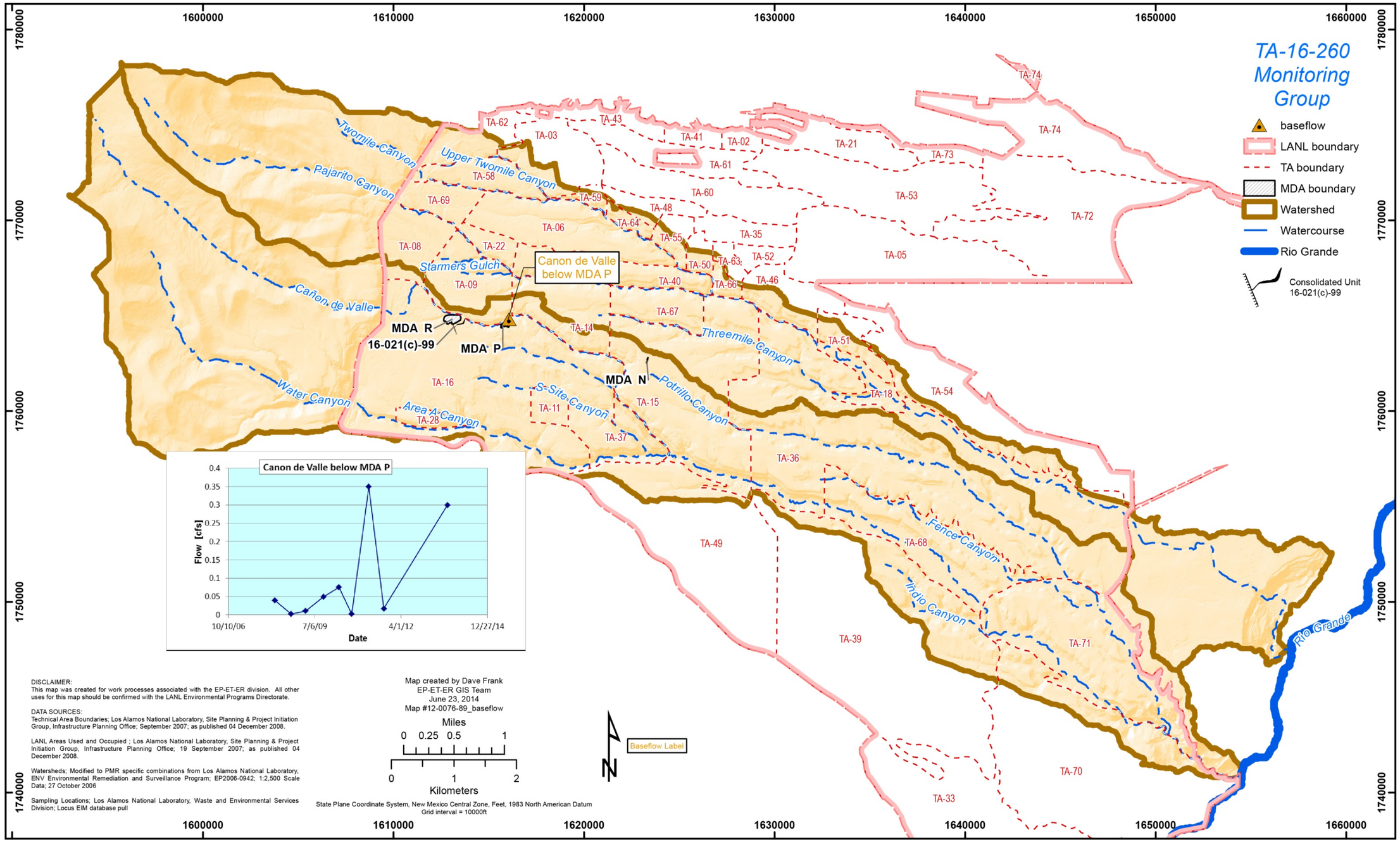


Figure 3.3-1 Base-flow measurements

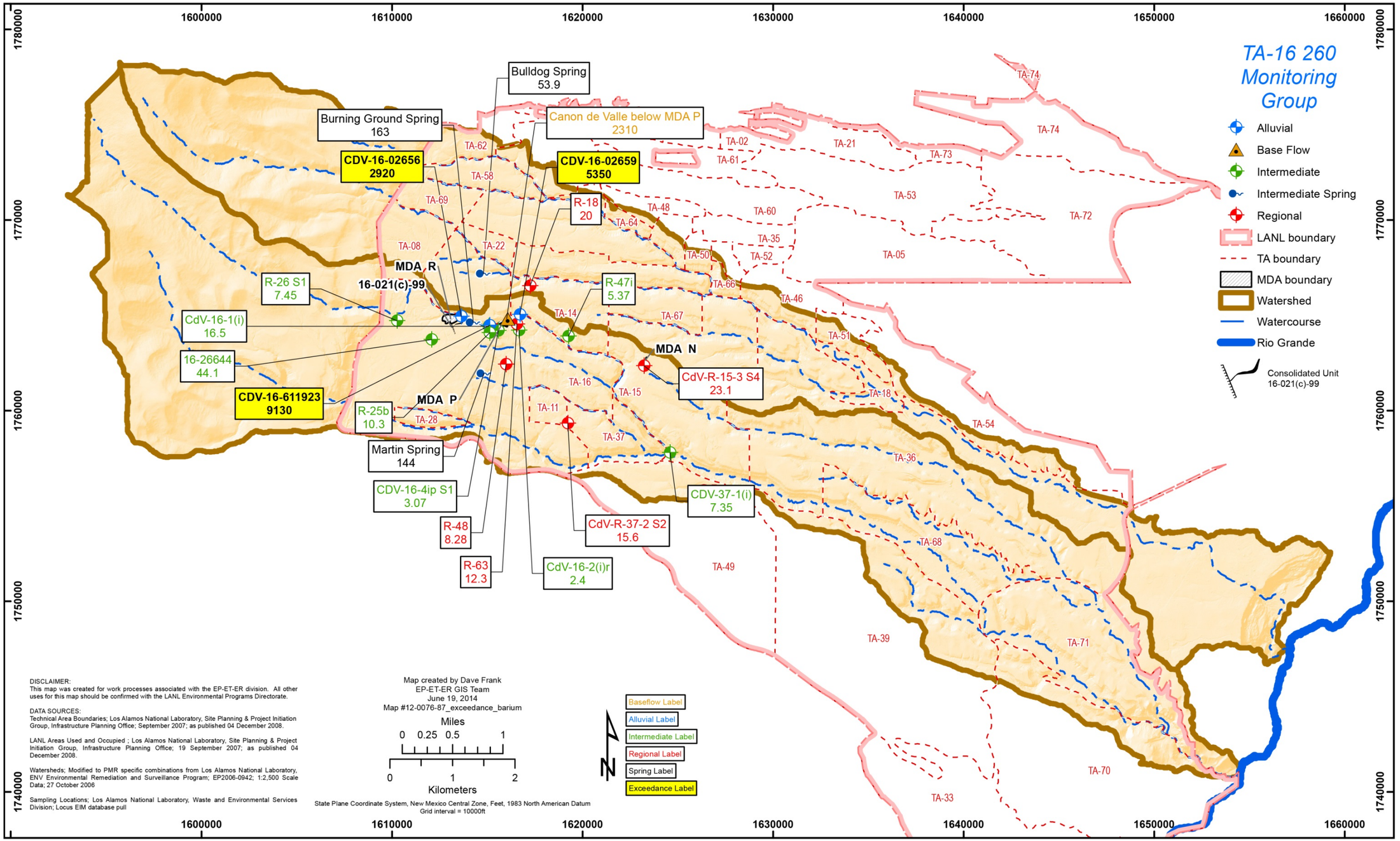


Figure 4.2-1 Monitoring group filtered barium concentrations in µg/L. The NMWQCC groundwater standard screening level is 1000 µg/L.

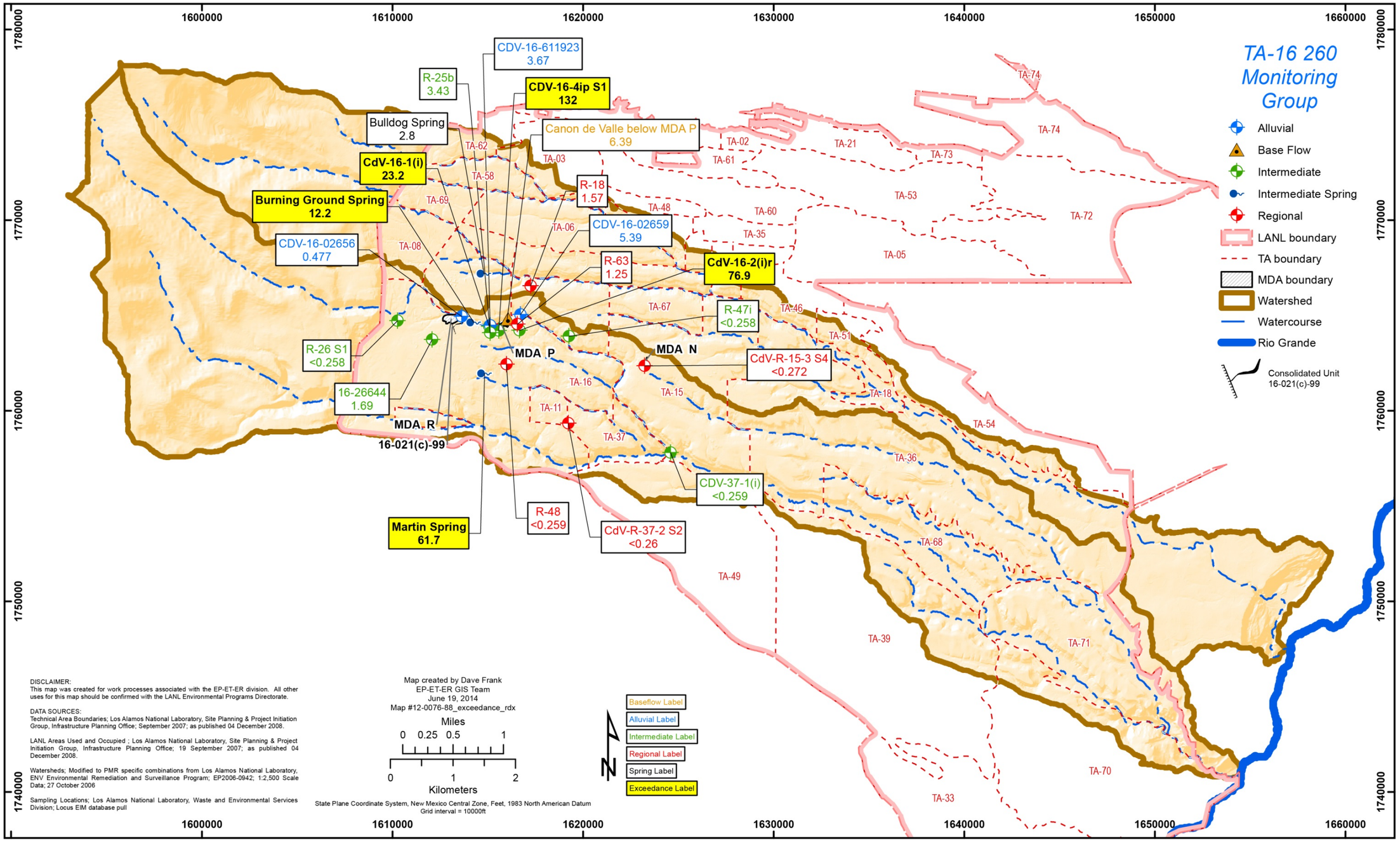


Figure 4.2-2 Monitoring group unfiltered RDX concentrations in µg/L. The EPA tap water screening level is 7 µg/L.

Table 2.0-1
TA-16 260 Monitoring Group Locations and General Information

Location Name	Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
Alluvial							
CDV-16-02656	03/14/14	5	3	8	0.6	1.6	0.07
CDV-16-02659	03/10/14	5	1.7	6.7	1.8	2.0	0.07
CDV-16-611923	03/13/14	5	3.2	8.2	0.66	2.0	0.14
MSC-16-06295	n/a[b]	5	1.5	6.5	n/a	n/a	n/a
FLC-16-25280	n/a	1.6	2.6	4.2	n/a	n/a	n/a
Intermediate							
16-26644	03/05/14	15	130	145	1.30	7.8	1.0
CdV-16-1(i)	03/20/14	10	624	634	60.4	181.5	1.5
CdV-16-2(i)r	03/03/14	9.7	850	859.7	23.3	70.0	2.9
CDV-16-4ip S1	03/17/14	63.6	815.6	879.2	90.0	272.5	9.4
CDV-37-1(i)	03/07/14	20.5	632	652.5	32.7	100.0	2.85
R-25b	03/10/14	20.8	750	770.8	27.33	41.36	0.47
R-26 PZ-2	03/11/14	30	150	180	0.44	0.45	n/a
R-26 S1	03/11/14	18.1	651.8	669.9	73.6	221.0	4.0
R-47i	03/14/14	20.6	840	860.6	35.7	107.2	1.22
Regional							
CdV-R-15-3 S4	03/18/14	43.8	1235.1	1278.9	45.6	138.0	6.24
CdV-R-37-2 S2	03/19/14	25.1	1188.7	1213.8	36.6	1431.0	4.1
R-18	03/04/14	23	1358	1381	96.9	293.0	6.5
R-48	03/04/14	20.6	1500	1520.6	189.8	663.0	6.25
R-63	03/03/14	20.3	1325	1345.3	105.9	320.0	7.14
Intermediate Spring							
Bulldog Spring	03/06/14	n/a	n/a	n/a	n/a	n/a	2.27
Burning Ground Spring	03/06/14	n/a	n/a	n/a	n/a	n/a	4.80
Martin Spring	03/06/14	n/a	n/a	n/a	n/a	n/a	1.37
Base Flow							
Canon de Valle below MDA P	03/10/14	n/a	n/a	n/a	n/a	n/a	n/a

[a] gpm = Gallons per minute.

[b] n/a = Not applicable.

Table 3.4-1
TA-16 260 Monitoring Group PME Observations and Deviations

Location	Deviation	Cause	Comment
MSC-16-06295	Not sampled	Well destroyed by September 2013 flooding	MSC-16-06294 will be sampled during the next scheduled PME.
FLC-16-25280	Not sampled	The location was not sampled because it was dry.	This location will be sampled during the next scheduled PME.
R-26 PZ-2	Prioritized sample suite collected	The well purged dry during sampling.	This location will be sampled during the next scheduled PME.
Canon de Valle below MDA P	Flow rate not measured	The flow rate was too low for accurate measurement.	Flow rate will be measured during the next scheduled PME.

Table 3.4-2
Analytes with MDLs above Screening Levels

Analyte or CAS[a] No.	Analyte Name	MDL	PQL[b]	Screening Level	Unit	Screening-Level Type
Semivolatile Organic Compounds						
103-33-3	Azobenzene	3.12	10.39	1.2	µg/L	EPA Regional Tap
92-87-5	Benzidine	4.05	10.39	0.00110	µg/L	EPA Regional Tap
111-44-4	Bis(2-chloroethyl)ether	3.12	10.39	0.14	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	3.12	10.39	0.28	µg/L	NM HH OO[c]
534-52-1	Dinitro-2-methylphenol[4,6-]	3.12	10.39	1.5	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	0.00650	0.0208	0.0029	µg/L	NM HH OO
55-18-5	Nitrosodiethylamine[N-]	3.12	10.39	0.0017	µg/L	EPA Regional Tap
62-75-9	Nitrosodimethylamine[N-]	3.12	10.39	0.0049	µg/L	EPA Regional Tap
924-16-3	Nitroso-di-n-butylamine[N-]	3.12	10.39	0.027	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	3.12	10.39	0.11	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	3.12	10.39	0.37	µg/L	EPA Regional Tap
Volatile Organic Compounds						
107-02-8	Acrolein	1.5	5.0	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1.05	5.0	0.52	µg/L	EPA Regional Tap
126-99-8	Chloro-1,3-butadiene[2-]	0.210	1.0	0.19	µg/L	EPA Regional Tap
96-18-4	Trichloropropane[1,2,3-]	0.3	1.0	0.0075	µg/L	EPA Regional Tap

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

[a] CAS = Chemical Abstracts Service.

[b] PQL = Practical quantitation limit.

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

Table 3.4-3
Analytes with MDLs Now below Screening Levels

Analyte or CAS[a] No.	Analyte Name	MDL	PQL[b]	Screening Level	Unit	Screening-Level Type
Semivolatile Organic Compounds						
56-55-3	Benzo(a)anthracene	0.0168	0.0524	0.18	µg/L	NM HH OO[c]
50-32-8	Benzo(a)pyrene	0.0168	0.0524	0.18	µg/L	NM HH OO
205-99-2	Benzo(b)fluoranthene	0.0168	0.0524	0.18	µg/L	NM HH OO
53-70-3	Dibenz(a,h)anthracene	0.0168	0.0524	0.034	µg/L	EPA Regional Tap
193-39-5	Indeno(1,2,3-cd)pyrene	0.0168	0.0524	0.18	µg/L	NM HH OO
87-86-5	Pentachlorophenol	0.0523	0.261	1	µg/L	EPA MCL
Volatile Organic Compounds						
96-12-8	Dibromo-3-chloropropane[1,2-]	0.00596	0.0199	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.00596	0.0199	0.05	µg/L	EPA MCL
126-98-7	Methacrylonitrile	1.05	5.0	1.9	µg/L	EPA Regional Tap

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

[a] CAS = Chemical Abstracts Service.

[b] PQL = Practical quantitation limit.

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

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

Standard Source	Standard Type	Groundwater	Surface Water
DOE Order 458.1	DOE BCGs	n/a[a]	X[b]
DOE Order 458.1	DOE 100-mrem Public Dose DCS	X	n/a
DOE Order 458.1	DOE 4-mrem Drinking Water DCS	X	n/a
40 CFR[c] 141	EPA Primary Drinking Water Standard	X	n/a
EPA Regional Screening Levels for Chemical Contaminants at Superfund Sites	EPA Regional Screening Levels for Tap Water	X	n/a
20 NMAC 3.4	New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
20 NMAC 6.2	NMWQCC Groundwater Standard	X	n/a
20 NMAC 6.4	NMWQCC Irrigation Standard	n/a	X
20 NMAC 6.4	NMWQCC Livestock Watering Standard	n/a	X
20 NMAC 6.4	NMWQCC Wildlife Habitat Standard	n/a	X
20 NMAC 6.4	NMWQCC Aquatic Life Standards Acute	n/a	X
20 NMAC 6.4	NMWQCC Aquatic Life Standards Chronic	n/a	X
20 NMAC 6.4	NMWQCC Human Health Standard	n/a	X

[a] n/a = Not applicable.

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

[c] CFR = Code of Federal Regulations.

Table 4.2-2
Base-Flow Location Type and Hardness Assignments Used to Select Screening Levels

Watershed	Location	Stream Type	Hardness (mg/L as $CaCO_3$)
Water	Canon de Valle below MDA P	Perennial	70

Table 4.2-3
TA-16 260 Monitoring Group Groundwater Results above Screening Levels

Location	Date	Analyte	Field Preparation	Result	Unit	Screening Level	Screening-Level Type
Alluvial Groundwater							
CDV-16-02656	03/14/14	Barium	F[a]	2920	µg/L	1000	NMWQCC Groundwater Standard
CDV-16-02659	03/10/14	Barium	F	5350	µg/L	1000	NMWQCC Groundwater Standard
CDV-16-611923	03/13/14	Barium	F	9130	µg/L	1000	NMWQCC Groundwater Standard
Intermediate Groundwater							
CdV-16-1(i)	03/20/14	RDX	UF[b]	23.2	µg/L	7	EPA Regional Tap
CdV-16-2(i)r	03/03/14	RDX	UF	76.9	µg/L	7	EPA Regional Tap
CDV-16-4ip S1	03/17/14	RDX	UF	132	µg/L	7	EPA Regional Tap
CDV-16-4ip S1	12/18/13	RDX	UF	148	µg/L	7	EPA Regional Tap
Burning Ground Spring	03/06/14	RDX	UF	12.2	µg/L	7	EPA Regional Tap
Martin Spring	03/06/14	RDX	UF	61.7	µg/L	7	EPA Regional Tap
Martin Spring	03/06/14	Boron	F	898	µg/L	750	NMWQCC Groundwater Standard

[a] F = Filtered.

[b] UF = Unfiltered.

Appendix A

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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
16-26644	130	03/05/14	WG[a]	Dissolved Oxygen	7.71	mg/L	CAWA-14-54732
16-26644	130	09/05/13	WG	Dissolved Oxygen	8.34	mg/L	CAWA-13-40699
16-26644	130	03/26/13	WG	Dissolved Oxygen	7.97	mg/L	CAWA-13-28819
16-26644	130	07/12/12	WG	Dissolved Oxygen	8	mg/L	CAWA-12-17536
16-26644	130	01/13/12	WG	Dissolved Oxygen	7.81	mg/L	CAWA-12-1955
16-26644	130	03/05/14	WG	Flow (in gpm)	1	gpm	CAWA-14-54732
16-26644	130	01/13/12	WG	Flow (in gpm)	0.5	gpm	CAWA-12-1955
16-26644	130	09/19/11	WG	Flow (in gpm)	0.44	gpm	CAWA-11-27147
16-26644	130	03/02/11	WG	Flow (in gpm)	0.3	gpm	RE16-11-3293
16-26644	130	03/02/11	WG	Flow (in gpm)	0.3	gpm	RE16-11-3296
16-26644	130	11/02/10	WG	Flow (in gpm)	0.22	gpm	RE16-11-1720
16-26644	130	11/02/10	WG	Flow (in gpm)	0.22	gpm	RE16-11-1724
16-26644	130	11/02/10	WG	Flow (in gpm)	0.22	gpm	RE16-11-1719
16-26644	130	11/02/10	WG	Flow (in gpm)	0.22	gpm	RE16-11-1725
16-26644	130	03/05/14	WG	Oxidation-Reduction Potential	111.8	mV	CAWA-14-54732
16-26644	130	09/05/13	WG	Oxidation-Reduction Potential	118.9	mV	CAWA-13-40699
16-26644	130	03/26/13	WG	Oxidation-Reduction Potential	108.1	mV	CAWA-13-28819
16-26644	130	07/12/12	WG	Oxidation-Reduction Potential	295.9	mV	CAWA-12-17536
16-26644	130	01/13/12	WG	Oxidation-Reduction Potential	100.4	mV	CAWA-12-1955
16-26644	130	03/05/14	WG	pH	6.96	SU[b]	CAWA-14-54732
16-26644	130	09/05/13	WG	pH	7.03	SU	CAWA-13-40699
16-26644	130	03/26/13	WG	pH	7.07	SU	CAWA-13-28819
16-26644	130	07/12/12	WG	pH	7.03	SU	CAWA-12-17536
16-26644	130	01/13/12	WG	pH	7.13	SU	CAWA-12-1955
16-26644	130	03/05/14	WG	Specific Conductance	201	µS/cm	CAWA-14-54732
16-26644	130	09/05/13	WG	Specific Conductance	197	µS/cm	CAWA-13-40699
16-26644	130	03/26/13	WG	Specific Conductance	196	µS/cm	CAWA-13-28819
16-26644	130	07/12/12	WG	Specific Conductance	199	µS/cm	CAWA-12-17536

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
16-26644	130	01/13/12	WG	Specific Conductance	219	µS/cm	CAWA-12-1955
16-26644	130	03/05/14	WG	Temperature	11.8	deg C	CAWA-14-54732
16-26644	130	09/05/13	WG	Temperature	11.88	deg C	CAWA-13-40699
16-26644	130	03/26/13	WG	Temperature	11.16	deg C	CAWA-13-28819
16-26644	130	07/12/12	WG	Temperature	12.16	deg C	CAWA-12-17536
16-26644	130	01/13/12	WG	Temperature	11.18	deg C	CAWA-12-1955
16-26644	130	03/05/14	WG	Turbidity	1.5	NTU[c]	CAWA-14-54732
16-26644	130	09/05/13	WG	Turbidity	1.6	NTU	CAWA-13-40699
16-26644	130	03/26/13	WG	Turbidity	1.2	NTU	CAWA-13-28819
16-26644	130	07/12/12	WG	Turbidity	1.38	NTU	CAWA-12-17536
16-26644	130	01/13/12	WG	Turbidity	0.91	NTU	CAWA-12-1955
Bulldog Spring	—[d]	03/06/14	WG	Dissolved Oxygen	8.47	mg/L	CAPA-14-54776
Bulldog Spring	—	09/17/13	WG	Dissolved Oxygen	7.2	mg/L	CAWA-13-40700
Bulldog Spring	—	03/27/13	WG	Dissolved Oxygen	8.04	mg/L	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	Dissolved Oxygen	8.21	mg/L	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	Dissolved Oxygen	8.73	mg/L	CAPA-11-9530
Bulldog Spring	—	03/06/14	WG	Flow (in gpm)	2.27	gpm	CAPA-14-54776
Bulldog Spring	—	10/08/10	WG	Flow (in gpm)	1.1	gpm	CAPA-10-26883
Bulldog Spring	—	03/10/10	WG	Flow (in gpm)	2.45	gpm	CAPA-10-12705
Bulldog Spring	—	06/03/09	WG	Flow (in gpm)	3	gpm	CAPA-09-9307
Bulldog Spring	—	03/06/09	WG	Flow (in gpm)	5	gpm	CAPA-09-4090
Bulldog Spring	—	03/06/14	WG	pH	5.77	SU	CAPA-14-54776
Bulldog Spring	—	09/17/13	WG	pH	7.32	SU	CAWA-13-40700
Bulldog Spring	—	03/27/13	WG	pH	6.32	SU	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	pH	8.01	SU	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	pH	7.31	SU	CAPA-11-9530
Bulldog Spring	—	03/06/14	WG	Specific Conductance	204	µS/cm	CAPA-14-54776
Bulldog Spring	—	09/17/13	WG	Specific Conductance	259	µS/cm	CAWA-13-40700

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Bulldog Spring	—	03/27/13	WG	Specific Conductance	217	µS/cm	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	Specific Conductance	266	µS/cm	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	Specific Conductance	260	µS/cm	CAPA-11-9530
Bulldog Spring	—	03/06/14	WG	Temperature	8.55	deg C	CAPA-14-54776
Bulldog Spring	—	09/17/13	WG	Temperature	11.53	deg C	CAWA-13-40700
Bulldog Spring	—	03/27/13	WG	Temperature	9.8	deg C	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	Temperature	13.51	deg C	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	Temperature	9.98	deg C	CAPA-11-9530
Bulldog Spring	—	03/06/14	WG	Turbidity	17.4	NTU	CAPA-14-54776
Bulldog Spring	—	09/17/13	WG	Turbidity	29.7	NTU	CAWA-13-40700
Bulldog Spring	—	03/27/13	WG	Turbidity	11	NTU	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	Turbidity	6.68	NTU	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	Turbidity	13	NTU	CAPA-11-9530
Burning Ground Spring	—	03/06/14	WG	Dissolved Oxygen	8.66	mg/L	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	Dissolved Oxygen	8.02	mg/L	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	Dissolved Oxygen	8.97	mg/L	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	Dissolved Oxygen	8.24	mg/L	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	Dissolved Oxygen	8.61	mg/L	CAWA-12-1934
Burning Ground Spring	—	03/06/14	WG	Flow (in gpm)	4.8	gpm	CAWA-14-54733
Burning Ground Spring	—	01/10/12	WG	Flow (in gpm)	3.85	gpm	CAWA-12-1934
Burning Ground Spring	—	09/15/11	WG	Flow (in gpm)	5.3	gpm	CAWA-11-27048
Burning Ground Spring	—	04/11/11	WG	Flow (in gpm)	4.3	gpm	CAWA-11-5401
Burning Ground Spring	—	09/10/10	WG	Flow (in gpm)	4	gpm	CAWA-10-25704
Burning Ground Spring	—	03/06/14	WG	pH	7.7	SU	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	pH	7.13	SU	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	pH	6.82	SU	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	pH	7.62	SU	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	pH	7.56	SU	CAWA-12-1934

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Burning Ground Spring	—	03/06/14	WG	Specific Conductance	215	µS/cm	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	Specific Conductance	254	µS/cm	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	Specific Conductance	221	µS/cm	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	Specific Conductance	240	µS/cm	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	Specific Conductance	336	µS/cm	CAWA-12-1934
Burning Ground Spring	—	03/06/14	WG	Temperature	7.7	deg C	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	Temperature	11.54	deg C	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	Temperature	9.2	deg C	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	Temperature	12.86	deg C	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	Temperature	8.88	deg C	CAWA-12-1934
Burning Ground Spring	—	03/06/14	WG	Turbidity	5.7	NTU	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	Turbidity	14.3	NTU	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	Turbidity	5.9	NTU	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	Turbidity	17.3	NTU	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	Turbidity	3.32	NTU	CAWA-12-1934
Canon de Valle below MDA P	—	03/10/14	WS[e]	Dissolved Oxygen	7.86	mg/L	CAWA-14-54734
Canon de Valle below MDA P	—	09/20/13	WS	Dissolved Oxygen	7.08	mg/L	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Dissolved Oxygen	7.76	mg/L	CAWA-13-28848
Canon de Valle below MDA P	—	07/13/12	WS	Dissolved Oxygen	4.5	mg/L	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	Dissolved Oxygen	6.35	mg/L	CAWA-11-27044
Canon de Valle below MDA P	—	03/10/14	WS	pH	7.72	SU	CAWA-14-54734
Canon de Valle below MDA P	—	09/20/13	WS	pH	7.67	SU	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	pH	6.72	SU	CAWA-13-28848
Canon de Valle below MDA P	—	07/13/12	WS	pH	7.4	SU	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	pH	7.83	SU	CAWA-11-27044
Canon de Valle below MDA P	—	03/10/14	WS	Specific Conductance	229	µS/cm	CAWA-14-54734
Canon de Valle below MDA P	—	09/20/13	WS	Specific Conductance	290	µS/cm	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Specific Conductance	268	µS/cm	CAWA-13-28848

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Canon de Valle below MDA P	—	07/13/12	WS	Specific Conductance	449	µS/cm	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	Specific Conductance	445	µS/cm	CAWA-11-27044
Canon de Valle below MDA P	—	03/10/14	WS	Temperature	3.93	deg C	CAWA-14-54734
Canon de Valle below MDA P	—	09/20/13	WS	Temperature	17.09	deg C	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Temperature	4.71	deg C	CAWA-13-28848
Canon de Valle below MDA P	—	07/13/12	WS	Temperature	16.68	deg C	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	Temperature	16.67	deg C	CAWA-11-27044
Canon de Valle below MDA P	—	03/10/14	WS	Turbidity	7.1	NTU	CAWA-14-54734
Canon de Valle below MDA P	—	09/20/13	WS	Turbidity	30.4	NTU	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Turbidity	11.7	NTU	CAWA-13-28848
Canon de Valle below MDA P	—	07/13/12	WS	Turbidity	18	NTU	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	Turbidity	37.8	NTU	CAWA-11-27044
CDV-16-02656	3	03/14/14	WG	Dissolved Oxygen	7.61	mg/L	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	Dissolved Oxygen	0.83	mg/L	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Dissolved Oxygen	4.23	mg/L	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Dissolved Oxygen	4.58	mg/L	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Dissolved Oxygen	7.79	mg/L	CAWA-12-1938
CDV-16-02656	3	03/14/14	WG	Flow (in gpm)	0.07	gpm	CAWA-14-54735
CDV-16-02656	3	01/20/12	WG	Flow (in gpm)	0.08	gpm	CAWA-12-1938
CDV-16-02656	3	04/08/11	WG	Flow (in gpm)	0.05	gpm	CAWA-11-5429
CDV-16-02656	3	09/17/10	WG	Flow (in gpm)	0.05	gpm	CAWA-10-25732
CDV-16-02656	3	04/16/10	WG	Flow (in gpm)	0.15	gpm	CAWA-10-15277
CDV-16-02656	3	03/14/14	WG	Oxidation-Reduction Potential	192.3	mV	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	Oxidation-Reduction Potential	177	mV	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Oxidation-Reduction Potential	367.1	mV	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Oxidation-Reduction Potential	185.8	mV	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Oxidation-Reduction Potential	143.8	mV	CAWA-12-1938
CDV-16-02656	3	03/14/14	WG	pH	6.29	SU	CAWA-14-54735

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02656	3	09/05/13	WG	pH	6.69	SU	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	pH	5.97	SU	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	pH	8.63	SU	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	pH	6.46	SU	CAWA-12-1938
CDV-16-02656	3	03/14/14	WG	Specific Conductance	209	µS/cm	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	Specific Conductance	346	µS/cm	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Specific Conductance	302	µS/cm	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Specific Conductance	316	µS/cm	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Specific Conductance	297	µS/cm	CAWA-12-1938
CDV-16-02656	3	03/14/14	WG	Temperature	4.04	deg C	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	Temperature	16.07	deg C	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Temperature	5.06	deg C	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Temperature	14.92	deg C	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Temperature	4.71	deg C	CAWA-12-1938
CDV-16-02656	3	03/14/14	WG	Turbidity	7.2	NTU	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	Turbidity	4.8	NTU	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Turbidity	3	NTU	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Turbidity	16.8	NTU	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Turbidity	3.88	NTU	CAWA-12-1938
CDV-16-02659	1.7	03/10/14	WG	Dissolved Oxygen	7.51	mg/L	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Dissolved Oxygen	1.35	mg/L	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	Dissolved Oxygen	9.14	mg/L	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	Dissolved Oxygen	6.97	mg/L	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	Dissolved Oxygen	8.43	mg/L	CAWA-12-1939
CDV-16-02659	1.7	03/10/14	WG	Flow (in gpm)	0.07	gpm	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Flow (in gpm)	0.09	gpm	CAWA-13-42025
CDV-16-02659	1.7	01/19/12	WG	Flow (in gpm)	0.07	gpm	CAWA-12-1939
CDV-16-02659	1.7	09/16/11	WG	Flow (in gpm)	0.09	gpm	CAWA-11-27072

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02659	1.7	04/06/11	WG	Flow (in gpm)	0.05	gpm	CAWA-11-5437
CDV-16-02659	1.7	03/10/14	WG	Oxidation-Reduction Potential	244.2	mV	CAWA-14-54736
CDV-16-02659	1.7	03/16/13	WG	Oxidation-Reduction Potential	244.9	mV	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	Oxidation-Reduction Potential	183.6	mV	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	Oxidation-Reduction Potential	201.2	mV	CAWA-12-1939
CDV-16-02659	1.7	04/06/11	WG	Oxidation-Reduction Potential	81.2	mV	CAWA-11-5437
CDV-16-02659	1.7	03/10/14	WG	pH	6.27	SU	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	pH	5.85	SU	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	pH	6.81	SU	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	pH	6.41	SU	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	pH	6.66	SU	CAWA-12-1939
CDV-16-02659	1.7	03/10/14	WG	Specific Conductance	268	µS/cm	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Specific Conductance	344	µS/cm	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	Specific Conductance	302	µS/cm	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	Specific Conductance	363	µS/cm	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	Specific Conductance	361	µS/cm	CAWA-12-1939
CDV-16-02659	1.7	03/10/14	WG	Temperature	7.52	deg C	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Temperature	13.53	deg C	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	Temperature	5.58	deg C	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	Temperature	13.66	deg C	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	Temperature	5.82	deg C	CAWA-12-1939
CDV-16-02659	1.7	03/10/14	WG	Turbidity	3.4	NTU	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Turbidity	8.3	NTU	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	Turbidity	3.1	NTU	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	Turbidity	1.34	NTU	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	Turbidity	2.96	NTU	CAWA-12-1939
CdV-16-1(i)	624	03/20/14	WG	Dissolved Oxygen	5.78	mg/L	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Dissolved Oxygen	5.52	mg/L	CAWA-13-40705

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	624	03/28/13	WG	Dissolved Oxygen	5.94	mg/L	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Dissolved Oxygen	6.86	mg/L	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Dissolved Oxygen	6.72	mg/L	CAWA-11-27954
CdV-16-1(i)	624	03/20/14	WG	Flow (in gpm)	1.5	gpm	CAWA-14-54737
CdV-16-1(i)	624	09/22/11	WG	Flow (in gpm)	1.15	gpm	CAWA-11-27954
CdV-16-1(i)	624	04/08/11	WG	Flow (in gpm)	1.3	gpm	CAWA-11-5326
CdV-16-1(i)	624	09/13/10	WG	Flow (in gpm)	1.3	gpm	CAWA-10-25807
CdV-16-1(i)	624	04/16/10	WG	Flow (in gpm)	1.3	gpm	CAWA-10-15148
CdV-16-1(i)	624	03/20/14	WG	Oxidation-Reduction Potential	214.9	mV	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Oxidation-Reduction Potential	177.6	mV	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	Oxidation-Reduction Potential	137.5	mV	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Oxidation-Reduction Potential	291.4	mV	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Oxidation-Reduction Potential	195.2	mV	CAWA-11-27954
CdV-16-1(i)	624	03/20/14	WG	pH	6.76	SU	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	pH	6.78	SU	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	pH	6.84	SU	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	pH	6.72	SU	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	pH	6.76	SU	CAWA-11-27954
CdV-16-1(i)	624	03/20/14	WG	Specific Conductance	174	µS/cm	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Specific Conductance	172	µS/cm	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	Specific Conductance	171	µS/cm	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Specific Conductance	170	µS/cm	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Specific Conductance	157	µS/cm	CAWA-11-27954
CdV-16-1(i)	624	03/20/14	WG	Temperature	11.17	deg C	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Temperature	14.3	deg C	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	Temperature	12.92	deg C	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Temperature	13.79	deg C	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Temperature	12.98	deg C	CAWA-11-27954

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	624	03/20/14	WG	Turbidity	1	NTU	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Turbidity	6.8	NTU	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	Turbidity	1.4	NTU	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Turbidity	0.43	NTU	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Turbidity	2	NTU	CAWA-11-27954
CdV-16-2(i)r	850	03/03/14	WG	Dissolved Oxygen	6.45	mg/L	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Dissolved Oxygen	6.21	mg/L	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Dissolved Oxygen	6.33	mg/L	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Dissolved Oxygen	6.29	mg/L	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	Dissolved Oxygen	6.48	mg/L	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Dissolved Oxygen	6.7	mg/L	CAWA-12-1961
CdV-16-2(i)r	850	03/03/14	WG	Flow (in gpm)	2.9	gpm	CAWA-14-54738
CdV-16-2(i)r	850	01/18/12	WG	Flow (in gpm)	2.9	gpm	CAWA-12-1961
CdV-16-2(i)r	850	09/06/11	WG	Flow (in gpm)	3	gpm	CAWA-11-27101
CdV-16-2(i)r	850	03/30/11	WG	Flow (in gpm)	2	gpm	CAWA-11-5330
CdV-16-2(i)r	850	09/07/10	WG	Flow (in gpm)	2.75	gpm	CAWA-10-25779
CdV-16-2(i)r	850	03/03/14	WG	Oxidation-Reduction Potential	160	mV	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Oxidation-Reduction Potential	175.2	mV	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Oxidation-Reduction Potential	167	mV	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Oxidation-Reduction Potential	243.2	mV	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	Oxidation-Reduction Potential	159.1	mV	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Oxidation-Reduction Potential	241.8	mV	CAWA-12-1961
CdV-16-2(i)r	850	03/03/14	WG	pH	7.08	SU	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	pH	6.95	SU	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	pH	7.02	SU	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	pH	7.01	SU	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	pH	7.05	SU	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	pH	7.13	SU	CAWA-12-1961

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-2(i)r	850	03/03/14	WG	Specific Conductance	126	µS/cm	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Specific Conductance	126	µS/cm	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Specific Conductance	125	µS/cm	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Specific Conductance	125	µS/cm	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	Specific Conductance	124	µS/cm	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Specific Conductance	117	µS/cm	CAWA-12-1961
CdV-16-2(i)r	850	03/03/14	WG	Temperature	12.12	deg C	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Temperature	12.05	deg C	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Temperature	13.5	deg C	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Temperature	12.64	deg C	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	Temperature	13.09	deg C	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Temperature	11.47	deg C	CAWA-12-1961
CdV-16-2(i)r	850	03/03/14	WG	Turbidity	0.8	NTU	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Turbidity	0	NTU	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Turbidity	1.04	NTU	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Turbidity	2.23	NTU	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	Turbidity	0.85	NTU	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Turbidity	0.75	NTU	CAWA-12-1961
CDV-16-4ip S1	815.6	03/17/14	WG	Dissolved Oxygen	7.19	mg/L	CAWA-14-54739
CDV-16-4ip S1	815.6	12/18/13	WG	Dissolved Oxygen	7.67	mg/L	CAWA-14-46038
CDV-16-4ip S1	815.6	09/19/13	WG	Dissolved Oxygen	7.74	mg/L	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	Dissolved Oxygen	7.67	mg/L	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Dissolved Oxygen	7.91	mg/L	CAWA-13-28827
CDV-16-4ip S1	815.6	03/17/14	WG	Flow (in gpm)	9.4	gpm	CAWA-14-54739
CDV-16-4ip S1	815.6	03/07/11	WG	Flow (in gpm)	7.3	gpm	CAWA-11-5673
CDV-16-4ip S1	815.6	08/31/10	WG	Flow (in gpm)	9.8	gpm	CAWA-10-26041
CDV-16-4ip S1	815.6	03/17/14	WG	Oxidation-Reduction Potential	190.1	mV	CAWA-14-54739
CDV-16-4ip S1	815.6	12/18/13	WG	Oxidation-Reduction Potential	25.6	mV	CAWA-14-46038

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-4ip S1	815.6	09/19/13	WG	Oxidation-Reduction Potential	240.2	mV	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	Oxidation-Reduction Potential	190	mV	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Oxidation-Reduction Potential	248.3	mV	CAWA-13-28827
CDV-16-4ip S1	815.6	03/17/14	WG	pH	6.84	SU	CAWA-14-54739
CDV-16-4ip S1	815.6	12/18/13	WG	pH	6.69	SU	CAWA-14-46038
CDV-16-4ip S1	815.6	09/19/13	WG	pH	6.93	SU	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	pH	6.99	SU	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	pH	7.06	SU	CAWA-13-28827
CDV-16-4ip S1	815.6	03/17/14	WG	Specific Conductance	120	µS/cm	CAWA-14-54739
CDV-16-4ip S1	815.6	12/18/13	WG	Specific Conductance	120	µS/cm	CAWA-14-46038
CDV-16-4ip S1	815.6	09/19/13	WG	Specific Conductance	122	µS/cm	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	Specific Conductance	116	µS/cm	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Specific Conductance	107	µS/cm	CAWA-13-28827
CDV-16-4ip S1	815.6	03/17/14	WG	Temperature	11.53	deg C	CAWA-14-54739
CDV-16-4ip S1	815.6	12/18/13	WG	Temperature	11.49	deg C	CAWA-14-46038
CDV-16-4ip S1	815.6	09/19/13	WG	Temperature	11.82	deg C	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	Temperature	13.89	deg C	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Temperature	11.45	deg C	CAWA-13-28827
CDV-16-4ip S1	815.6	03/17/14	WG	Turbidity	1	NTU	CAWA-14-54739
CDV-16-4ip S1	815.6	12/18/13	WG	Turbidity	1.11	NTU	CAWA-14-46038
CDV-16-4ip S1	815.6	09/19/13	WG	Turbidity	0.8	NTU	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	Turbidity	0.8	NTU	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Turbidity	0.2	NTU	CAWA-13-28827
CDV-16-611923	3.2	03/13/14	WG	Dissolved Oxygen	3.14	mg/L	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	Dissolved Oxygen	2.77	mg/L	CAWA-13-28828
CDV-16-611923	3.2	07/10/12	WG	Dissolved Oxygen	0.49	mg/L	CAWA-12-17544
CDV-16-611923	3.2	01/25/12	WG	Dissolved Oxygen	2.44	mg/L	CAWA-12-1942
CDV-16-611923	3.2	02/15/11	WG	Dissolved Oxygen	0.95	mg/L	GW16-11-3225

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-611923	3.2	03/13/14	WG	Flow (in gpm)	0.14	gpm	CAWA-14-54740
CDV-16-611923	3.2	01/25/12	WG	Flow (in gpm)	0.17	gpm	CAWA-12-1942
CDV-16-611923	3.2	06/30/10	WG	Flow (in gpm)	0.1	gpm	GW16-10-22553
CDV-16-611923	3.2	03/13/14	WG	Oxidation-Reduction Potential	129.9	mV	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	Oxidation-Reduction Potential	30.4	mV	CAWA-13-28828
CDV-16-611923	3.2	07/10/12	WG	Oxidation-Reduction Potential	-2.9	mV	CAWA-12-17544
CDV-16-611923	3.2	01/25/12	WG	Oxidation-Reduction Potential	-65.9	mV	CAWA-12-1942
CDV-16-611923	3.2	02/15/11	WG	Oxidation-Reduction Potential	-78.6	mV	GW16-11-3225
CDV-16-611923	3.2	03/13/14	WG	pH	6.37	SU	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	pH	6.75	SU	CAWA-13-28828
CDV-16-611923	3.2	07/10/12	WG	pH	6.75	SU	CAWA-12-17544
CDV-16-611923	3.2	01/25/12	WG	pH	6.86	SU	CAWA-12-1942
CDV-16-611923	3.2	02/15/11	WG	pH	7.09	SU	GW16-11-3225
CDV-16-611923	3.2	03/13/14	WG	Specific Conductance	270	µS/cm	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	Specific Conductance	292	µS/cm	CAWA-13-28828
CDV-16-611923	3.2	07/10/12	WG	Specific Conductance	447	µS/cm	CAWA-12-17544
CDV-16-611923	3.2	01/25/12	WG	Specific Conductance	328	µS/cm	CAWA-12-1942
CDV-16-611923	3.2	02/15/11	WG	Specific Conductance	404	µS/cm	GW16-11-3225
CDV-16-611923	3.2	03/13/14	WG	Temperature	3.87	deg C	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	Temperature	3.58	deg C	CAWA-13-28828
CDV-16-611923	3.2	07/10/12	WG	Temperature	14.06	deg C	CAWA-12-17544
CDV-16-611923	3.2	01/25/12	WG	Temperature	2.6	deg C	CAWA-12-1942
CDV-16-611923	3.2	02/15/11	WG	Temperature	5.68	deg C	GW16-11-3225
CDV-16-611923	3.2	03/13/14	WG	Turbidity	8.5	NTU	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	Turbidity	5.8	NTU	CAWA-13-28828
CDV-16-611923	3.2	07/10/12	WG	Turbidity	1.79	NTU	CAWA-12-17544
CDV-16-611923	3.2	01/25/12	WG	Turbidity	18.8	NTU	CAWA-12-1942
CDV-16-611923	3.2	02/15/11	WG	Turbidity	11	NTU	GW16-11-3225

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-37-1(i)	632	03/07/14	WG	Dissolved Oxygen	7.63	mg/L	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Dissolved Oxygen	7.83	mg/L	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	Dissolved Oxygen	7.84	mg/L	CAWA-12-1966
CDV-37-1(i)	632	06/20/11	WG	Dissolved Oxygen	7.7	mg/L	CAWA-11-14062
CDV-37-1(i)	632	03/31/11	WG	Dissolved Oxygen	7.79	mg/L	CAWA-11-5324
CDV-37-1(i)	632	03/07/14	WG	Flow (in gpm)	2.85	gpm	CAWA-14-54741
CDV-37-1(i)	632	01/24/12	WG	Flow (in gpm)	2.42	gpm	CAWA-12-1966
CDV-37-1(i)	632	06/20/11	WG	Flow (in gpm)	2.3	gpm	CAWA-11-14062
CDV-37-1(i)	632	03/31/11	WG	Flow (in gpm)	2.2	gpm	CAWA-11-5324
CDV-37-1(i)	632	12/01/10	WG	Flow (in gpm)	2.3	gpm	CAWA-11-2117
CDV-37-1(i)	632	03/07/14	WG	Oxidation-Reduction Potential	-1.4	mV	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Oxidation-Reduction Potential	22.8	mV	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	Oxidation-Reduction Potential	38.7	mV	CAWA-12-1966
CDV-37-1(i)	632	06/20/11	WG	Oxidation-Reduction Potential	109	mV	CAWA-11-14062
CDV-37-1(i)	632	03/31/11	WG	Oxidation-Reduction Potential	-92.1	mV	CAWA-11-5324
CDV-37-1(i)	632	03/07/14	WG	pH	7.14	SU	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	pH	7.17	SU	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	pH	7.07	SU	CAWA-12-1966
CDV-37-1(i)	632	06/20/11	WG	pH	7.13	SU	CAWA-11-14062
CDV-37-1(i)	632	03/31/11	WG	pH	7.21	SU	CAWA-11-5324
CDV-37-1(i)	632	03/07/14	WG	Specific Conductance	116	µS/cm	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Specific Conductance	112	µS/cm	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	Specific Conductance	116	µS/cm	CAWA-12-1966
CDV-37-1(i)	632	06/20/11	WG	Specific Conductance	120	µS/cm	CAWA-11-14062
CDV-37-1(i)	632	03/31/11	WG	Specific Conductance	119	µS/cm	CAWA-11-5324
CDV-37-1(i)	632	03/07/14	WG	Temperature	13.61	deg C	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Temperature	13.05	deg C	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	Temperature	12.37	deg C	CAWA-12-1966

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-37-1(i)	632	06/20/11	WG	Temperature	13.84	deg C	CAWA-11-14062
CDV-37-1(i)	632	03/31/11	WG	Temperature	13.74	deg C	CAWA-11-5324
CDV-37-1(i)	632	03/07/14	WG	Turbidity	1.7	NTU	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Turbidity	2.5	NTU	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	Turbidity	3.19	NTU	CAWA-12-1966
CDV-37-1(i)	632	06/20/11	WG	Turbidity	2.88	NTU	CAWA-11-14062
CDV-37-1(i)	632	03/31/11	WG	Turbidity	2.35	NTU	CAWA-11-5324
CdV-R-15-3 S4	1235.1	03/18/14	WG	Dissolved Oxygen	6.64	mg/L	CAWA-14-54742
CdV-R-15-3 S4	1235.1	12/18/13	WG	Dissolved Oxygen	6.64	mg/L	CAWA-14-46039
CdV-R-15-3 S4	1235.1	09/19/13	WG	Dissolved Oxygen	6.73	mg/L	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Dissolved Oxygen	6.41	mg/L	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Dissolved Oxygen	7.12	mg/L	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Dissolved Oxygen	6.02	mg/L	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Dissolved Oxygen	6.86	mg/L	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Dissolved Oxygen	5.97	mg/L	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Dissolved Oxygen	5.41	mg/L	CAWA-11-7331
CdV-R-15-3 S4	1235.1	03/18/14	WG	Flow (in gpm)	6.24	gpm	CAWA-14-54742
CdV-R-15-3 S4	1235.1	05/11/11	WG	Flow (in gpm)	9	gpm	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Flow (in gpm)	9	gpm	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Flow (in gpm)	0.75	gpm	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Flow (in gpm)	8.9	gpm	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Flow (in gpm)	8.9	gpm	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Flow (in gpm)	8.9	gpm	CAWA-11-7331
CdV-R-15-3 S4	1235.1	05/07/11	WG	Flow (in gpm)	8.9	gpm	CAWA-11-7248
CdV-R-15-3 S4	1235.1	05/07/11	WG	Flow (in gpm)	8.9	gpm	CAWA-11-7249
CdV-R-15-3 S4	1235.1	05/07/11	WG	Flow (in gpm)	8.9	gpm	CAWA-11-7265
CdV-R-15-3 S4	1235.1	05/05/11	WG	Flow (in gpm)	4.9	gpm	CAWA-11-7028
CdV-R-15-3 S4	1235.1	05/05/11	WG	Flow (in gpm)	4.9	gpm	CAWA-11-6855

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-15-3 S4	1235.1	05/05/11	WG	Flow (in gpm)	4.9	gpm	CAWA-11-6916
CdV-R-15-3 S4	1235.1	05/05/11	WG	Flow (in gpm)	4.9	gpm	CAWA-11-6969
CdV-R-15-3 S4	1235.1	03/18/14	WG	Oxidation-Reduction Potential	163	mV	CAWA-14-54742
CdV-R-15-3 S4	1235.1	12/18/13	WG	Oxidation-Reduction Potential	80.4	mV	CAWA-14-46039
CdV-R-15-3 S4	1235.1	09/19/13	WG	Oxidation-Reduction Potential	105.7	mV	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Oxidation-Reduction Potential	166.3	mV	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Oxidation-Reduction Potential	173.1	mV	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Oxidation-Reduction Potential	165.9	mV	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Oxidation-Reduction Potential	334.7	mV	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Oxidation-Reduction Potential	237.9	mV	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Oxidation-Reduction Potential	235.7	mV	CAWA-11-7331
CdV-R-15-3 S4	1235.1	03/18/14	WG	pH	8.35	SU	CAWA-14-54742
CdV-R-15-3 S4	1235.1	12/18/13	WG	pH	8.4	SU	CAWA-14-46039
CdV-R-15-3 S4	1235.1	09/19/13	WG	pH	8.43	SU	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	pH	7.69	SU	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	pH	7.67	SU	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	pH	7.68	SU	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	pH	8.23	SU	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	pH	7.72	SU	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	pH	7.71	SU	CAWA-11-7331
CdV-R-15-3 S4	1235.1	03/18/14	WG	Specific Conductance	128	µS/cm	CAWA-14-54742
CdV-R-15-3 S4	1235.1	12/18/13	WG	Specific Conductance	128	µS/cm	CAWA-14-46039
CdV-R-15-3 S4	1235.1	09/19/13	WG	Specific Conductance	130	µS/cm	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Specific Conductance	119	µS/cm	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Specific Conductance	116	µS/cm	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Specific Conductance	119	µS/cm	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Specific Conductance	132	µS/cm	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Specific Conductance	117	µS/cm	CAWA-11-7326

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-15-3 S4	1235.1	05/08/11	WG	Specific Conductance	119	uS/cm	CAWA-11-7331
CdV-R-15-3 S4	1235.1	03/18/14	WG	Temperature	15.64	deg C	CAWA-14-54742
CdV-R-15-3 S4	1235.1	12/18/13	WG	Temperature	16.28	deg C	CAWA-14-46039
CdV-R-15-3 S4	1235.1	09/19/13	WG	Temperature	16.46	deg C	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Temperature	16.92	deg C	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Temperature	13.61	deg C	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Temperature	17.38	deg C	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Temperature	19.99	deg C	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Temperature	18.35	deg C	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Temperature	18.2	deg C	CAWA-11-7331
CdV-R-15-3 S4	1235.1	03/18/14	WG	Turbidity	3.7	NTU	CAWA-14-54742
CdV-R-15-3 S4	1235.1	12/18/13	WG	Turbidity	3.1	NTU	CAWA-14-46039
CdV-R-15-3 S4	1235.1	09/19/13	WG	Turbidity	7.3	NTU	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Turbidity	1.56	NTU	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Turbidity	2.17	NTU	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Turbidity	0.75	NTU	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Turbidity	21.3	NTU	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Turbidity	3.84	NTU	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Turbidity	2.81	NTU	CAWA-11-7331
CdV-R-37-2 S2	1188.7	03/19/14	WG	Dissolved Oxygen	4.35	mg/L	CAWA-14-54743
CdV-R-37-2 S2	1188.7	12/18/13	WG	Dissolved Oxygen	4.21	mg/L	CAWA-14-46040
CdV-R-37-2 S2	1188.7	09/20/13	WG	Dissolved Oxygen	2.26	mg/L	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Dissolved Oxygen	2.44	mg/L	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Dissolved Oxygen	2.33	mg/L	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Dissolved Oxygen	1.64	mg/L	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Dissolved Oxygen	4.03	mg/L	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Dissolved Oxygen	2.15	mg/L	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Dissolved Oxygen	2.9	mg/L	CAWA-11-7333

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-37-2 S2	1188.7	03/19/14	WG	Flow (in gpm)	4.1	gpm	CAWA-14-54743
CdV-R-37-2 S2	1188.7	04/24/11	WG	Flow (in gpm)	6.2	gpm	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Flow (in gpm)	6.2	gpm	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Flow (in gpm)	6.2	gpm	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Flow (in gpm)	6.15	gpm	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Flow (in gpm)	6.15	gpm	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Flow (in gpm)	6.15	gpm	CAWA-11-7333
CdV-R-37-2 S2	1188.7	04/20/11	WG	Flow (in gpm)	6.2	gpm	CAWA-11-7268
CdV-R-37-2 S2	1188.7	04/20/11	WG	Flow (in gpm)	6.2	gpm	CAWA-11-7284
CdV-R-37-2 S2	1188.7	04/20/11	WG	Flow (in gpm)	6.2	gpm	CAWA-11-7267
CdV-R-37-2 S2	1188.7	04/17/11	WG	Flow (in gpm)	6.3	gpm	CAWA-11-6988
CdV-R-37-2 S2	1188.7	04/17/11	WG	Flow (in gpm)	6.3	gpm	CAWA-11-6881
CdV-R-37-2 S2	1188.7	04/17/11	WG	Flow (in gpm)	6.3	gpm	CAWA-11-6931
CdV-R-37-2 S2	1188.7	04/17/11	WG	Flow (in gpm)	6.3	gpm	CAWA-11-7049
CdV-R-37-2 S2	1188.7	03/19/14	WG	Oxidation-Reduction Potential	-14	mV	CAWA-14-54743
CdV-R-37-2 S2	1188.7	12/18/13	WG	Oxidation-Reduction Potential	-23.9	mV	CAWA-14-46040
CdV-R-37-2 S2	1188.7	09/20/13	WG	Oxidation-Reduction Potential	44	mV	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Oxidation-Reduction Potential	20.6	mV	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Oxidation-Reduction Potential	19.7	mV	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Oxidation-Reduction Potential	99.8	mV	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Oxidation-Reduction Potential	-49.5	mV	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Oxidation-Reduction Potential	-42.5	mV	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Oxidation-Reduction Potential	-20.5	mV	CAWA-11-7333
CdV-R-37-2 S2	1188.7	03/19/14	WG	pH	7.62	SU	CAWA-14-54743
CdV-R-37-2 S2	1188.7	12/18/13	WG	pH	7.49	SU	CAWA-14-46040
CdV-R-37-2 S2	1188.7	09/20/13	WG	pH	7.24	SU	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	pH	7.22	SU	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	pH	7.24	SU	CAWA-11-7370

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-37-2 S2	1188.7	04/24/11	WG	pH	7.53	SU	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	pH	7.19	SU	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	pH	7.22	SU	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	pH	7.4	SU	CAWA-11-7333
CdV-R-37-2 S2	1188.7	03/19/14	WG	Specific Conductance	120	µS/cm	CAWA-14-54743
CdV-R-37-2 S2	1188.7	12/18/13	WG	Specific Conductance	128	µS/cm	CAWA-14-46040
CdV-R-37-2 S2	1188.7	09/20/13	WG	Specific Conductance	124	µS/cm	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Specific Conductance	118	µS/cm	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Specific Conductance	116	µS/cm	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Specific Conductance	118	µS/cm	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Specific Conductance	119	µS/cm	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Specific Conductance	118	µS/cm	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Specific Conductance	120	µS/cm	CAWA-11-7333
CdV-R-37-2 S2	1188.7	03/19/14	WG	Temperature	18.51	deg C	CAWA-14-54743
CdV-R-37-2 S2	1188.7	12/18/13	WG	Temperature	18.53	deg C	CAWA-14-46040
CdV-R-37-2 S2	1188.7	09/20/13	WG	Temperature	18.04	deg C	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Temperature	21.87	deg C	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Temperature	21.81	deg C	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Temperature	20.13	deg C	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Temperature	20.24	deg C	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Temperature	20.92	deg C	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Temperature	18.27	deg C	CAWA-11-7333
CdV-R-37-2 S2	1188.7	03/19/14	WG	Turbidity	0.4	NTU	CAWA-14-54743
CdV-R-37-2 S2	1188.7	12/18/13	WG	Turbidity	0.82	NTU	CAWA-14-46040
CdV-R-37-2 S2	1188.7	09/20/13	WG	Turbidity	2.4	NTU	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Turbidity	1.72	NTU	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Turbidity	1.46	NTU	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Turbidity	5.03	NTU	CAWA-11-7372

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-37-2 S2	1188.7	04/22/11	WG	Turbidity	5.89	NTU	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Turbidity	3.16	NTU	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Turbidity	7.55	NTU	CAWA-11-7333
Martin Spring	—	03/06/14	WG	Dissolved Oxygen	7.38	mg/L	CAWA-14-54745
Martin Spring	—	09/17/13	WG	Dissolved Oxygen	6.1	mg/L	CAWA-13-40710
Martin Spring	—	03/27/13	WG	Dissolved Oxygen	7.55	mg/L	CAWA-13-28831
Martin Spring	—	07/20/12	WG	Dissolved Oxygen	7.52	mg/L	CAWA-12-17546
Martin Spring	—	01/18/12	WG	Dissolved Oxygen	7.82	mg/L	CAWA-12-1930
Martin Spring	—	03/06/14	WG	Flow (in gpm)	1.37	gpm	CAWA-14-54745
Martin Spring	—	01/18/12	WG	Flow (in gpm)	1.5	gpm	CAWA-12-1930
Martin Spring	—	09/15/11	WG	Flow (in gpm)	5.3	gpm	CAWA-11-27191
Martin Spring	—	09/15/11	WG	Flow (in gpm)	14.7	gpm	CAWA-11-27055
Martin Spring	—	04/05/11	WG	Flow (in gpm)	1.29	gpm	CAWA-11-5411
Martin Spring	—	09/14/10	WG	Flow (in gpm)	0.9	gpm	CAWA-10-25715
Martin Spring	—	03/06/14	WG	pH	6.9	SU	CAWA-14-54745
Martin Spring	—	09/17/13	WG	pH	6.85	SU	CAWA-13-40710
Martin Spring	—	03/27/13	WG	pH	7.02	SU	CAWA-13-28831
Martin Spring	—	07/20/12	WG	pH	7.17	SU	CAWA-12-17546
Martin Spring	—	01/18/12	WG	pH	7.3	SU	CAWA-12-1930
Martin Spring	—	03/06/14	WG	Specific Conductance	345	µS/cm	CAWA-14-54745
Martin Spring	—	09/17/13	WG	Specific Conductance	243	µS/cm	CAWA-13-40710
Martin Spring	—	03/27/13	WG	Specific Conductance	347	µS/cm	CAWA-13-28831
Martin Spring	—	07/20/12	WG	Specific Conductance	368	µS/cm	CAWA-12-17546
Martin Spring	—	01/18/12	WG	Specific Conductance	404	µS/cm	CAWA-12-1930
Martin Spring	—	03/06/14	WG	Temperature	9.6	deg C	CAWA-14-54745
Martin Spring	—	09/17/13	WG	Temperature	10.97	deg C	CAWA-13-40710
Martin Spring	—	03/27/13	WG	Temperature	11.18	deg C	CAWA-13-28831
Martin Spring	—	07/20/12	WG	Temperature	13.67	deg C	CAWA-12-17546

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Martin Spring	—	01/18/12	WG	Temperature	9.6	deg C	CAWA-12-1930
Martin Spring	—	03/06/14	WG	Turbidity	13.4	NTU	CAWA-14-54745
Martin Spring	—	09/17/13	WG	Turbidity	65.9	NTU	CAWA-13-40710
Martin Spring	—	03/27/13	WG	Turbidity	12	NTU	CAWA-13-28831
Martin Spring	—	07/20/12	WG	Turbidity	10.9	NTU	CAWA-12-17546
Martin Spring	—	01/18/12	WG	Turbidity	3.6	NTU	CAWA-12-1930
R-18	1358	03/04/14	WG	Dissolved Oxygen	5.61	mg/L	CAPA-14-54777
R-18	1358	09/03/13	WG	Dissolved Oxygen	5.66	mg/L	CAPA-13-40943
R-18	1358	09/03/13	WG	Dissolved Oxygen	5.62	mg/L	CAPA-13-41314
R-18	1358	03/13/13	WG	Dissolved Oxygen	5.94	mg/L	CAPA-13-28875
R-18	1358	07/10/12	WG	Dissolved Oxygen	5.46	mg/L	CAPA-12-17577
R-18	1358	01/17/12	WG	Dissolved Oxygen	5.82	mg/L	CAPA-12-2038
R-18	1358	03/04/14	WG	Flow (in gpm)	6.5	gpm	CAPA-14-54777
R-18	1358	01/17/12	WG	Flow (in gpm)	6.1	gpm	CAPA-12-2038
R-18	1358	09/07/11	WG	Flow (in gpm)	6.1	gpm	CAWA-11-27164
R-18	1358	04/22/11	WG	Flow (in gpm)	6	gpm	CAPA-11-9292
R-18	1358	10/21/10	WG	Flow (in gpm)	6.3	gpm	CAPA-10-27415
R-18	1358	03/04/14	WG	Oxidation-Reduction Potential	147.5	mV	CAPA-14-54777
R-18	1358	09/03/13	WG	Oxidation-Reduction Potential	154.2	mV	CAPA-13-40943
R-18	1358	09/03/13	WG	Oxidation-Reduction Potential	154.8	mV	CAPA-13-41314
R-18	1358	03/13/13	WG	Oxidation-Reduction Potential	159.3	mV	CAPA-13-28875
R-18	1358	07/10/12	WG	Oxidation-Reduction Potential	221.8	mV	CAPA-12-17577
R-18	1358	01/17/12	WG	Oxidation-Reduction Potential	139.3	mV	CAPA-12-2038
R-18	1358	03/04/14	WG	pH	7.78	SU	CAPA-14-54777
R-18	1358	09/03/13	WG	pH	7.73	SU	CAPA-13-40943
R-18	1358	09/03/13	WG	pH	7.68	SU	CAPA-13-41314
R-18	1358	03/13/13	WG	pH	7.67	SU	CAPA-13-28875
R-18	1358	07/10/12	WG	pH	7.59	SU	CAPA-12-17577

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-18	1358	01/17/12	WG	pH	7.76	SU	CAPA-12-2038
R-18	1358	03/04/14	WG	Specific Conductance	117	µS/cm	CAPA-14-54777
R-18	1358	09/03/13	WG	Specific Conductance	114	µS/cm	CAPA-13-40943
R-18	1358	09/03/13	WG	Specific Conductance	114	µS/cm	CAPA-13-41314
R-18	1358	03/13/13	WG	Specific Conductance	42	µS/cm	CAPA-13-28875
R-18	1358	07/10/12	WG	Specific Conductance	112	µS/cm	CAPA-12-17577
R-18	1358	01/17/12	WG	Specific Conductance	107	µS/cm	CAPA-12-2038
R-18	1358	03/04/14	WG	Temperature	15.74	deg C	CAPA-14-54777
R-18	1358	09/03/13	WG	Temperature	17.98	deg C	CAPA-13-40943
R-18	1358	09/03/13	WG	Temperature	16.17	deg C	CAPA-13-41314
R-18	1358	03/13/13	WG	Temperature	15.79	deg C	CAPA-13-28875
R-18	1358	07/10/12	WG	Temperature	16.77	deg C	CAPA-12-17577
R-18	1358	01/17/12	WG	Temperature	15.48	deg C	CAPA-12-2038
R-18	1358	03/04/14	WG	Turbidity	0.4	NTU	CAPA-14-54777
R-18	1358	09/03/13	WG	Turbidity	0.32	NTU	CAPA-13-40943
R-18	1358	09/03/13	WG	Turbidity	0.81	NTU	CAPA-13-41314
R-18	1358	03/13/13	WG	Turbidity	0.28	NTU	CAPA-13-28875
R-18	1358	07/10/12	WG	Turbidity	0.26	NTU	CAPA-12-17577
R-18	1358	01/17/12	WG	Turbidity	0.23	NTU	CAPA-12-2038
R-25b	750	03/10/14	WG	Dissolved Oxygen	6.21	mg/L	CAWA-14-54747
R-25b	750	09/10/13	WG	Dissolved Oxygen	6.04	mg/L	CAWA-13-40732
R-25b	750	03/21/13	WG	Dissolved Oxygen	6.17	mg/L	CAWA-13-28839
R-25b	750	07/23/12	WG	Dissolved Oxygen	5.61	mg/L	CAWA-12-21591
R-25b	750	01/23/12	WG	Dissolved Oxygen	5.03	mg/L	CAWA-12-1978
R-25b	750	03/10/14	WG	Flow (in gpm)	0.47	gpm	CAWA-14-54747
R-25b	750	01/23/12	WG	Flow (in gpm)	0.6	gpm	CAWA-12-1978
R-25b	750	09/15/11	WG	Flow (in gpm)	0.5	gpm	CAWA-11-27115
R-25b	750	04/07/11	WG	Flow (in gpm)	0.5	gpm	CAWA-11-5339

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25b	750	09/08/10	WG	Flow (in gpm)	0.5	gpm	CAWA-10-25899
R-25b	750	03/10/14	WG	Oxidation-Reduction Potential	181.5	mV	CAWA-14-54747
R-25b	750	09/10/13	WG	Oxidation-Reduction Potential	204.3	mV	CAWA-13-40732
R-25b	750	03/21/13	WG	Oxidation-Reduction Potential	233.9	mV	CAWA-13-28839
R-25b	750	07/23/12	WG	Oxidation-Reduction Potential	127.2	mV	CAWA-12-21591
R-25b	750	01/23/12	WG	Oxidation-Reduction Potential	151.3	mV	CAWA-12-1978
R-25b	750	03/10/14	WG	pH	7.3	SU	CAWA-14-54747
R-25b	750	09/10/13	WG	pH	7.25	SU	CAWA-13-40732
R-25b	750	03/21/13	WG	pH	7.4	SU	CAWA-13-28839
R-25b	750	07/23/12	WG	pH	7.51	SU	CAWA-12-21591
R-25b	750	01/23/12	WG	pH	7.61	SU	CAWA-12-1978
R-25b	750	03/10/14	WG	Specific Conductance	127	µS/cm	CAWA-14-54747
R-25b	750	09/10/13	WG	Specific Conductance	131	µS/cm	CAWA-13-40732
R-25b	750	03/21/13	WG	Specific Conductance	129	µS/cm	CAWA-13-28839
R-25b	750	07/23/12	WG	Specific Conductance	143	µS/cm	CAWA-12-21591
R-25b	750	01/23/12	WG	Specific Conductance	140	µS/cm	CAWA-12-1978
R-25b	750	03/10/14	WG	Temperature	10.12	deg C	CAWA-14-54747
R-25b	750	09/10/13	WG	Temperature	10.47	deg C	CAWA-13-40732
R-25b	750	03/21/13	WG	Temperature	9.51	deg C	CAWA-13-28839
R-25b	750	07/23/12	WG	Temperature	10.08	deg C	CAWA-12-21591
R-25b	750	01/23/12	WG	Temperature	9.26	deg C	CAWA-12-1978
R-25b	750	03/10/14	WG	Turbidity	2.4	NTU	CAWA-14-54747
R-25b	750	09/10/13	WG	Turbidity	3.2	NTU	CAWA-13-40732
R-25b	750	03/21/13	WG	Turbidity	1.5	NTU	CAWA-13-28839
R-25b	750	07/23/12	WG	Turbidity	5.6	NTU	CAWA-12-21591
R-25b	750	01/23/12	WG	Turbidity	7.6	NTU	CAWA-12-1978
R-26 PZ-2	150	03/11/14	WG	Dissolved Oxygen	8.16	mg/L	CAWA-14-54748
R-26 PZ-2	150	09/04/13	WG	Dissolved Oxygen	7.03	mg/L	CAWA-13-40715

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26 PZ-2	150	03/15/13	WG	Dissolved Oxygen	6.8	mg/L	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	Dissolved Oxygen	7.45	mg/L	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	Dissolved Oxygen	6.97	mg/L	CAWA-12-1980
R-26 PZ-2	150	03/11/14	WG	Oxidation-Reduction Potential	190.3	mV	CAWA-14-54748
R-26 PZ-2	150	09/04/13	WG	Oxidation-Reduction Potential	-44.3	mV	CAWA-13-40715
R-26 PZ-2	150	03/15/13	WG	Oxidation-Reduction Potential	44.1	mV	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	Oxidation-Reduction Potential	110.8	mV	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	Oxidation-Reduction Potential	-20.4	mV	CAWA-12-1980
R-26 PZ-2	150	03/11/14	WG	pH	7.08	SU	CAWA-14-54748
R-26 PZ-2	150	09/04/13	WG	pH	7.28	SU	CAWA-13-40715
R-26 PZ-2	150	03/15/13	WG	pH	7.11	SU	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	pH	7.05	SU	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	pH	7.21	SU	CAWA-12-1980
R-26 PZ-2	150	03/11/14	WG	Specific Conductance	278	µS/cm	CAWA-14-54748
R-26 PZ-2	150	09/04/13	WG	Specific Conductance	226	µS/cm	CAWA-13-40715
R-26 PZ-2	150	03/15/13	WG	Specific Conductance	116	µS/cm	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	Specific Conductance	211	µS/cm	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	Specific Conductance	206	µS/cm	CAWA-12-1980
R-26 PZ-2	150	03/11/14	WG	Temperature	9.71	deg C	CAWA-14-54748
R-26 PZ-2	150	09/04/13	WG	Temperature	13.55	deg C	CAWA-13-40715
R-26 PZ-2	150	03/15/13	WG	Temperature	13.24	deg C	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	Temperature	12.19	deg C	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	Temperature	9.45	deg C	CAWA-12-1980
R-26 PZ-2	150	03/11/14	WG	Turbidity	1000	NTU	CAWA-14-54748
R-26 PZ-2	150	03/15/13	WG	Turbidity	307.9	NTU	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	Turbidity	550	NTU	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	Turbidity	877	NTU	CAWA-12-1980
R-26 PZ-2	150	09/19/11	WG	Turbidity	563	NTU	CAWA-11-27097

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26 S1	651.8	03/11/14	WG	Dissolved Oxygen	6.75	mg/L	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	Dissolved Oxygen	6.93	mg/L	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Dissolved Oxygen	7.02	mg/L	CAWA-12-17553
R-26 S1	651.8	01/26/12	WG	Dissolved Oxygen	7.15	mg/L	CAWA-12-2013
R-26 S1	651.8	12/09/11	WG	Dissolved Oxygen	7.17	mg/L	CAWA-12-1760
R-26 S1	651.8	03/11/14	WG	Flow (in gpm)	4	gpm	CAWA-14-54749
R-26 S1	651.8	01/26/12	WG	Flow (in gpm)	3.9	gpm	CAWA-12-2013
R-26 S1	651.8	12/09/11	WG	Flow (in gpm)	4	gpm	CAWA-12-1760
R-26 S1	651.8	09/16/11	WG	Flow (in gpm)	4	gpm	CAWA-11-27036
R-26 S1	651.8	06/01/11	WG	Flow (in gpm)	4.21	gpm	CAWA-11-7011
R-26 S1	651.8	06/01/11	WG	Flow (in gpm)	4.32	gpm	CAWA-11-6953
R-26 S1	651.8	06/01/11	WG	Flow (in gpm)	4.27	gpm	CAWA-11-6897
R-26 S1	651.8	03/11/14	WG	Oxidation-Reduction Potential	144.4	mV	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	Oxidation-Reduction Potential	85	mV	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Oxidation-Reduction Potential	101.5	mV	CAWA-12-17553
R-26 S1	651.8	01/26/12	WG	Oxidation-Reduction Potential	-23.1	mV	CAWA-12-2013
R-26 S1	651.8	12/09/11	WG	Oxidation-Reduction Potential	44.1	mV	CAWA-12-1760
R-26 S1	651.8	03/11/14	WG	pH	7.3	SU	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	pH	7.33	SU	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	pH	7.43	SU	CAWA-12-17553
R-26 S1	651.8	01/26/12	WG	pH	7.58	SU	CAWA-12-2013
R-26 S1	651.8	12/09/11	WG	pH	7.61	SU	CAWA-12-1760
R-26 S1	651.8	03/11/14	WG	Specific Conductance	102	µS/cm	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	Specific Conductance	101	µS/cm	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Specific Conductance	101	µS/cm	CAWA-12-17553
R-26 S1	651.8	01/26/12	WG	Specific Conductance	99	µS/cm	CAWA-12-2013
R-26 S1	651.8	12/09/11	WG	Specific Conductance	102	µS/cm	CAWA-12-1760
R-26 S1	651.8	03/11/14	WG	Temperature	15.53	deg C	CAWA-14-54749

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26 S1	651.8	03/15/13	WG	Temperature	15.92	deg C	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Temperature	16.24	deg C	CAWA-12-17553
R-26 S1	651.8	01/26/12	WG	Temperature	15.46	deg C	CAWA-12-2013
R-26 S1	651.8	12/09/11	WG	Temperature	15.31	deg C	CAWA-12-1760
R-26 S1	651.8	03/11/14	WG	Turbidity	0.8	NTU	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	Turbidity	1.2	NTU	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Turbidity	1.07	NTU	CAWA-12-17553
R-26 S1	651.8	01/26/12	WG	Turbidity	1.37	NTU	CAWA-12-2013
R-26 S1	651.8	12/09/11	WG	Turbidity	2.23	NTU	CAWA-12-1760
R-47i	840	03/14/14	WG	Dissolved Oxygen	6.04	mg/L	CAWA-14-54750
R-47i	840	03/13/13	WG	Dissolved Oxygen	6	mg/L	CAWA-13-28842
R-47i	840	01/24/12	WG	Dissolved Oxygen	5.7	mg/L	CAWA-12-1984
R-47i	840	09/08/11	WG	Dissolved Oxygen	6.91	mg/L	CAWA-11-26907
R-47i	840	09/08/11	WG	Dissolved Oxygen	5.76	mg/L	CAWA-11-27179
R-47i	840	09/08/11	WG	Dissolved Oxygen	6.94	mg/L	CAWA-11-26908
R-47i	840	09/08/11	WG	Dissolved Oxygen	5.81	mg/L	CAWA-11-26910
R-47i	840	06/21/11	WG	Dissolved Oxygen	7.01	mg/L	CAWA-11-14638
R-47i	840	06/21/11	WG	Dissolved Oxygen	5.75	mg/L	CAWA-11-14639
R-47i	840	06/21/11	WG	Dissolved Oxygen	5.77	mg/L	CAWA-11-14641
R-47i	840	06/21/11	WG	Dissolved Oxygen	5.77	mg/L	CAWA-11-13973
R-47i	840	03/14/14	WG	Flow (in gpm)	1.22	gpm	CAWA-14-54750
R-47i	840	01/24/12	WG	Flow (in gpm)	1.3	gpm	CAWA-12-1984
R-47i	840	09/08/11	WG	Flow (in gpm)	1.75	gpm	CAWA-11-26907
R-47i	840	09/08/11	WG	Flow (in gpm)	1.4	gpm	CAWA-11-27179
R-47i	840	09/08/11	WG	Flow (in gpm)	1.75	gpm	CAWA-11-26908
R-47i	840	09/08/11	WG	Flow (in gpm)	1.4	gpm	CAWA-11-26910
R-47i	840	06/21/11	WG	Flow (in gpm)	0.9	gpm	CAWA-11-14638
R-47i	840	06/21/11	WG	Flow (in gpm)	0.7	gpm	CAWA-11-14639

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-47i	840	06/21/11	WG	Flow (in gpm)	0.9	gpm	CAWA-11-14641
R-47i	840	06/21/11	WG	Flow (in gpm)	0.9	gpm	CAWA-11-13973
R-47i	840	04/07/11	WG	Flow (in gpm)	0.62	gpm	CAWA-11-5375
R-47i	840	03/14/14	WG	Oxidation-Reduction Potential	113.2	mV	CAWA-14-54750
R-47i	840	03/13/13	WG	Oxidation-Reduction Potential	88.3	mV	CAWA-13-28842
R-47i	840	01/24/12	WG	Oxidation-Reduction Potential	-3.5	mV	CAWA-12-1984
R-47i	840	09/08/11	WG	Oxidation-Reduction Potential	137.1	mV	CAWA-11-26907
R-47i	840	09/08/11	WG	Oxidation-Reduction Potential	126.8	mV	CAWA-11-27179
R-47i	840	09/08/11	WG	Oxidation-Reduction Potential	139.2	mV	CAWA-11-26908
R-47i	840	09/08/11	WG	Oxidation-Reduction Potential	128.8	mV	CAWA-11-26910
R-47i	840	06/21/11	WG	Oxidation-Reduction Potential	102.4	mV	CAWA-11-14638
R-47i	840	06/21/11	WG	Oxidation-Reduction Potential	94.2	mV	CAWA-11-14639
R-47i	840	06/21/11	WG	Oxidation-Reduction Potential	86	mV	CAWA-11-14641
R-47i	840	06/21/11	WG	Oxidation-Reduction Potential	86	mV	CAWA-11-13973
R-47i	840	03/14/14	WG	pH	7.18	SU	CAWA-14-54750
R-47i	840	03/13/13	WG	pH	7.2	SU	CAWA-13-28842
R-47i	840	01/24/12	WG	pH	7.27	SU	CAWA-12-1984
R-47i	840	09/08/11	WG	pH	7.26	SU	CAWA-11-26907
R-47i	840	09/08/11	WG	pH	7.33	SU	CAWA-11-27179
R-47i	840	09/08/11	WG	pH	7.3	SU	CAWA-11-26908
R-47i	840	09/08/11	WG	pH	7.32	SU	CAWA-11-26910
R-47i	840	06/21/11	WG	pH	7.33	SU	CAWA-11-14638
R-47i	840	06/21/11	WG	pH	7.34	SU	CAWA-11-14639
R-47i	840	06/21/11	WG	pH	7.28	SU	CAWA-11-14641
R-47i	840	06/21/11	WG	pH	7.28	SU	CAWA-11-13973
R-47i	840	03/14/14	WG	Specific Conductance	129	µS/cm	CAWA-14-54750
R-47i	840	03/13/13	WG	Specific Conductance	129	µS/cm	CAWA-13-28842
R-47i	840	01/24/12	WG	Specific Conductance	142	µS/cm	CAWA-12-1984

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-47i	840	09/08/11	WG	Specific Conductance	125	µS/cm	CAWA-11-26907
R-47i	840	09/08/11	WG	Specific Conductance	147	µS/cm	CAWA-11-27179
R-47i	840	09/08/11	WG	Specific Conductance	127	µS/cm	CAWA-11-26908
R-47i	840	09/08/11	WG	Specific Conductance	146	µS/cm	CAWA-11-26910
R-47i	840	06/21/11	WG	Specific Conductance	116	µS/cm	CAWA-11-14638
R-47i	840	06/21/11	WG	Specific Conductance	125	µS/cm	CAWA-11-14639
R-47i	840	06/21/11	WG	Specific Conductance	120	µS/cm	CAWA-11-14641
R-47i	840	06/21/11	WG	Specific Conductance	120	µS/cm	CAWA-11-13973
R-47i	840	03/14/14	WG	Temperature	14.08	deg C	CAWA-14-54750
R-47i	840	03/13/13	WG	Temperature	14.3	deg C	CAWA-13-28842
R-47i	840	01/24/12	WG	Temperature	13.27	deg C	CAWA-12-1984
R-47i	840	09/08/11	WG	Temperature	13.72	deg C	CAWA-11-26907
R-47i	840	09/08/11	WG	Temperature	14.95	deg C	CAWA-11-27179
R-47i	840	09/08/11	WG	Temperature	14.7	deg C	CAWA-11-26908
R-47i	840	09/08/11	WG	Temperature	14.95	deg C	CAWA-11-26910
R-47i	840	06/21/11	WG	Temperature	14.65	deg C	CAWA-11-14638
R-47i	840	06/21/11	WG	Temperature	15.57	deg C	CAWA-11-14639
R-47i	840	06/21/11	WG	Temperature	15.87	deg C	CAWA-11-14641
R-47i	840	06/21/11	WG	Temperature	15.57	deg C	CAWA-11-13973
R-47i	840	03/14/14	WG	Turbidity	1.09	NTU	CAWA-14-54750
R-47i	840	03/13/13	WG	Turbidity	0.8	NTU	CAWA-13-28842
R-47i	840	01/24/12	WG	Turbidity	2.47	NTU	CAWA-12-1984
R-47i	840	09/08/11	WG	Turbidity	2.49	NTU	CAWA-11-26907
R-47i	840	09/08/11	WG	Turbidity	1.04	NTU	CAWA-11-27179
R-47i	840	09/08/11	WG	Turbidity	0.88	NTU	CAWA-11-26908
R-47i	840	09/08/11	WG	Turbidity	1.24	NTU	CAWA-11-26910
R-47i	840	06/21/11	WG	Turbidity	1.08	NTU	CAWA-11-14638
R-47i	840	06/21/11	WG	Turbidity	1.21	NTU	CAWA-11-14639

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-47i	840	06/21/11	WG	Turbidity	1.08	NTU	CAWA-11-14641
R-47i	840	06/21/11	WG	Turbidity	1.08	NTU	CAWA-11-13973
R-48	1500	03/04/14	WG	Dissolved Oxygen	7.77	mg/L	CAWA-14-54751
R-48	1500	03/20/13	WG	Dissolved Oxygen	7.11	mg/L	CAWA-13-28843
R-48	1500	01/18/12	WG	Dissolved Oxygen	7.44	mg/L	CAWA-12-2000
R-48	1500	09/13/11	WG	Dissolved Oxygen	7.87	mg/L	CAWA-11-26900
R-48	1500	09/13/11	WG	Dissolved Oxygen	8.76	mg/L	CAWA-11-26902
R-48	1500	09/13/11	WG	Dissolved Oxygen	8.46	mg/L	CAWA-11-27181
R-48	1500	09/13/11	WG	Dissolved Oxygen	8.46	mg/L	CAWA-11-26904
R-48	1500	06/22/11	WG	Dissolved Oxygen	6.64	mg/L	CAWA-11-14011
R-48	1500	06/22/11	WG	Dissolved Oxygen	6.48	mg/L	CAWA-11-14644
R-48	1500	06/22/11	WG	Dissolved Oxygen	7.02	mg/L	CAWA-11-14811
R-48	1500	06/22/11	WG	Dissolved Oxygen	7.63	mg/L	CAWA-11-14813
R-48	1500	06/22/11	WG	Dissolved Oxygen	6.36	mg/L	CAWA-11-14808
R-48	1500	03/04/14	WG	Flow (in gpm)	6.25	gpm	CAWA-14-54751
R-48	1500	01/18/12	WG	Flow (in gpm)	4.9	gpm	CAWA-12-2000
R-48	1500	09/13/11	WG	Flow (in gpm)	5.6	gpm	CAWA-11-26900
R-48	1500	09/13/11	WG	Flow (in gpm)	5.6	gpm	CAWA-11-26902
R-48	1500	09/13/11	WG	Flow (in gpm)	5.6	gpm	CAWA-11-27181
R-48	1500	09/13/11	WG	Flow (in gpm)	5.6	gpm	CAWA-11-26904
R-48	1500	06/22/11	WG	Flow (in gpm)	5.2	gpm	CAWA-11-14011
R-48	1500	06/22/11	WG	Flow (in gpm)	5.2	gpm	CAWA-11-14644
R-48	1500	06/22/11	WG	Flow (in gpm)	5.2	gpm	CAWA-11-14811
R-48	1500	06/22/11	WG	Flow (in gpm)	5.2	gpm	CAWA-11-14813
R-48	1500	06/22/11	WG	Flow (in gpm)	5.2	gpm	CAWA-11-14808
R-48	1500	03/28/11	WG	Flow (in gpm)	5.4	gpm	CAWA-11-5380
R-48	1500	03/04/14	WG	Oxidation-Reduction Potential	173	mV	CAWA-14-54751
R-48	1500	03/20/13	WG	Oxidation-Reduction Potential	194.4	mV	CAWA-13-28843

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-48	1500	01/18/12	WG	Oxidation-Reduction Potential	199.5	mV	CAWA-12-2000
R-48	1500	09/13/11	WG	Oxidation-Reduction Potential	117	mV	CAWA-11-26900
R-48	1500	09/13/11	WG	Oxidation-Reduction Potential	119.6	mV	CAWA-11-26902
R-48	1500	09/13/11	WG	Oxidation-Reduction Potential	118.5	mV	CAWA-11-27181
R-48	1500	09/13/11	WG	Oxidation-Reduction Potential	118.5	mV	CAWA-11-26904
R-48	1500	06/22/11	WG	Oxidation-Reduction Potential	245.8	mV	CAWA-11-14011
R-48	1500	06/22/11	WG	Oxidation-Reduction Potential	244.5	mV	CAWA-11-14644
R-48	1500	06/22/11	WG	Oxidation-Reduction Potential	250.4	mV	CAWA-11-14811
R-48	1500	06/22/11	WG	Oxidation-Reduction Potential	255	mV	CAWA-11-14813
R-48	1500	06/22/11	WG	Oxidation-Reduction Potential	229.6	mV	CAWA-11-14808
R-48	1500	03/04/14	WG	pH	8.01	SU	CAWA-14-54751
R-48	1500	03/20/13	WG	pH	8.15	SU	CAWA-13-28843
R-48	1500	01/18/12	WG	pH	8.31	SU	CAWA-12-2000
R-48	1500	09/13/11	WG	pH	7.97	SU	CAWA-11-26900
R-48	1500	09/13/11	WG	pH	8.16	SU	CAWA-11-26902
R-48	1500	09/13/11	WG	pH	8.17	SU	CAWA-11-27181
R-48	1500	09/13/11	WG	pH	8.17	SU	CAWA-11-26904
R-48	1500	06/22/11	WG	pH	8.12	SU	CAWA-11-14011
R-48	1500	06/22/11	WG	pH	8.09	SU	CAWA-11-14644
R-48	1500	06/22/11	WG	pH	8.07	SU	CAWA-11-14811
R-48	1500	06/22/11	WG	pH	8.14	SU	CAWA-11-14813
R-48	1500	06/22/11	WG	pH	7.82	SU	CAWA-11-14808
R-48	1500	03/04/14	WG	Specific Conductance	126	µS/cm	CAWA-14-54751
R-48	1500	03/20/13	WG	Specific Conductance	121	µS/cm	CAWA-13-28843
R-48	1500	01/18/12	WG	Specific Conductance	129	µS/cm	CAWA-12-2000
R-48	1500	09/13/11	WG	Specific Conductance	127	µS/cm	CAWA-11-26900
R-48	1500	09/13/11	WG	Specific Conductance	130	µS/cm	CAWA-11-26902
R-48	1500	09/13/11	WG	Specific Conductance	124	µS/cm	CAWA-11-27181

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-48	1500	09/13/11	WG	Specific Conductance	124	µS/cm	CAWA-11-26904
R-48	1500	06/22/11	WG	Specific Conductance	122	µS/cm	CAWA-11-14011
R-48	1500	06/22/11	WG	Specific Conductance	119	µS/cm	CAWA-11-14644
R-48	1500	06/22/11	WG	Specific Conductance	106	µS/cm	CAWA-11-14811
R-48	1500	06/22/11	WG	Specific Conductance	94	µS/cm	CAWA-11-14813
R-48	1500	06/22/11	WG	Specific Conductance	100	µS/cm	CAWA-11-14808
R-48	1500	03/04/14	WG	Temperature	19.81	deg C	CAWA-14-54751
R-48	1500	03/20/13	WG	Temperature	19.34	deg C	CAWA-13-28843
R-48	1500	01/18/12	WG	Temperature	19.98	deg C	CAWA-12-2000
R-48	1500	09/13/11	WG	Temperature	20.23	deg C	CAWA-11-26900
R-48	1500	09/13/11	WG	Temperature	20.78	deg C	CAWA-11-26902
R-48	1500	09/13/11	WG	Temperature	20.85	deg C	CAWA-11-27181
R-48	1500	09/13/11	WG	Temperature	20.85	deg C	CAWA-11-26904
R-48	1500	06/22/11	WG	Temperature	21.44	deg C	CAWA-11-14011
R-48	1500	06/22/11	WG	Temperature	21.35	deg C	CAWA-11-14644
R-48	1500	06/22/11	WG	Temperature	21.14	deg C	CAWA-11-14811
R-48	1500	06/22/11	WG	Temperature	21.32	deg C	CAWA-11-14813
R-48	1500	06/22/11	WG	Temperature	20.56	deg C	CAWA-11-14808
R-48	1500	03/04/14	WG	Turbidity	3.2	NTU	CAWA-14-54751
R-48	1500	03/20/13	WG	Turbidity	2.7	NTU	CAWA-13-28843
R-48	1500	01/18/12	WG	Turbidity	3.45	NTU	CAWA-12-2000
R-48	1500	09/13/11	WG	Turbidity	4.86	NTU	CAWA-11-26900
R-48	1500	09/13/11	WG	Turbidity	4.77	NTU	CAWA-11-26902
R-48	1500	09/13/11	WG	Turbidity	4.53	NTU	CAWA-11-27181
R-48	1500	09/13/11	WG	Turbidity	4.53	NTU	CAWA-11-26904
R-48	1500	06/22/11	WG	Turbidity	2.38	NTU	CAWA-11-14011
R-48	1500	06/22/11	WG	Turbidity	3.01	NTU	CAWA-11-14644
R-48	1500	06/22/11	WG	Turbidity	4.19	NTU	CAWA-11-14811

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-48	1500	06/22/11	WG	Turbidity	4.35	NTU	CAWA-11-14813
R-48	1500	06/22/11	WG	Turbidity	4.45	NTU	CAWA-11-14808
R-63	1325	03/03/14	WG	Dissolved Oxygen	5.73	mg/L	CAWA-14-54752
R-63	1325	09/09/13	WG	Dissolved Oxygen	5.81	mg/L	CAWA-13-40716
R-63	1325	09/09/13	WG	Dissolved Oxygen	5.64	mg/L	CAWA-13-41317
R-63	1325	03/13/13	WG	Dissolved Oxygen	6.18	mg/L	CAWA-13-28844
R-63	1325	07/24/12	WG	Dissolved Oxygen	6.25	mg/L	CAWA-12-17554
R-63	1325	04/04/12	WG	Dissolved Oxygen	6.14	mg/L	CAWA-12-13004
R-63	1325	03/03/14	WG	Flow (in gpm)	7.14	gpm	CAWA-14-54752
R-63	1325	01/20/12	WG	Flow (in gpm)	6.5	gpm	CAWA-12-2016
R-63	1325	12/16/11	WG	Flow (in gpm)	6.6	gpm	CAWA-12-1764
R-63	1325	09/08/11	WG	Flow (in gpm)	7	gpm	CAWA-11-26886
R-63	1325	09/08/11	WG	Flow (in gpm)	7	gpm	CAWA-11-26896
R-63	1325	09/08/11	WG	Flow (in gpm)	7	gpm	CAWA-11-26898
R-63	1325	09/08/11	WG	Flow (in gpm)	7	gpm	CAWA-11-27190
R-63	1325	09/08/11	WG	Flow (in gpm)	6.1	gpm	CAWA-11-26894
R-63	1325	06/22/11	WG	Flow (in gpm)	6.8	gpm	CAWA-11-14624
R-63	1325	06/22/11	WG	Flow (in gpm)	6.8	gpm	CAWA-11-14625
R-63	1325	06/22/11	WG	Flow (in gpm)	6.8	gpm	CAWA-11-14629
R-63	1325	06/22/11	WG	Flow (in gpm)	6.8	gpm	CAWA-11-14626
R-63	1325	03/03/14	WG	Oxidation-Reduction Potential	173.7	mV	CAWA-14-54752
R-63	1325	09/09/13	WG	Oxidation-Reduction Potential	151.8	mV	CAWA-13-40716
R-63	1325	09/09/13	WG	Oxidation-Reduction Potential	148	mV	CAWA-13-41317
R-63	1325	03/13/13	WG	Oxidation-Reduction Potential	164.8	mV	CAWA-13-28844
R-63	1325	07/24/12	WG	Oxidation-Reduction Potential	110.1	mV	CAWA-12-17554
R-63	1325	04/04/12	WG	Oxidation-Reduction Potential	1.8	mV	CAWA-12-13004
R-63	1325	03/03/14	WG	pH	7.35	SU	CAWA-14-54752
R-63	1325	09/09/13	WG	pH	7.5	SU	CAWA-13-40716

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-63	1325	09/09/13	WG	pH	7.43	SU	CAWA-13-41317
R-63	1325	03/13/13	WG	pH	7.5	SU	CAWA-13-28844
R-63	1325	07/24/12	WG	pH	7.38	SU	CAWA-12-17554
R-63	1325	04/04/12	WG	pH	7.54	SU	CAWA-12-13004
R-63	1325	03/03/14	WG	Specific Conductance	107	µS/cm	CAWA-14-54752
R-63	1325	09/09/13	WG	Specific Conductance	108	µS/cm	CAWA-13-40716
R-63	1325	09/09/13	WG	Specific Conductance	109	µS/cm	CAWA-13-41317
R-63	1325	03/13/13	WG	Specific Conductance	104	µS/cm	CAWA-13-28844
R-63	1325	07/24/12	WG	Specific Conductance	110	µS/cm	CAWA-12-17554
R-63	1325	04/04/12	WG	Specific Conductance	107	µS/cm	CAWA-12-13004
R-63	1325	03/03/14	WG	Temperature	13.52	deg C	CAWA-14-54752
R-63	1325	09/09/13	WG	Temperature	14.72	deg C	CAWA-13-40716
R-63	1325	09/09/13	WG	Temperature	14.15	deg C	CAWA-13-41317
R-63	1325	03/13/13	WG	Temperature	13.27	deg C	CAWA-13-28844
R-63	1325	07/24/12	WG	Temperature	14.69	deg C	CAWA-12-17554
R-63	1325	04/04/12	WG	Temperature	11.24	deg C	CAWA-12-13004
R-63	1325	03/03/14	WG	Turbidity	1.1	NTU	CAWA-14-54752
R-63	1325	09/09/13	WG	Turbidity	0.8	NTU	CAWA-13-40716
R-63	1325	09/09/13	WG	Turbidity	1.1	NTU	CAWA-13-41317
R-63	1325	03/13/13	WG	Turbidity	0.6	NTU	CAWA-13-28844
R-63	1325	07/24/12	WG	Turbidity	0.64	NTU	CAWA-12-17554
R-63	1325	04/04/12	WG	Turbidity	1.3	NTU	CAWA-12-13004

[a] WG = Groundwater.

[b] SU = Standard unit.

[c] NTU = Nephelometric turbidity unit.

[d] — = Not applicable.

[e] WS = Base flow.

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 terms in the lists.

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
%D	percent difference
%R	percent recovery
%RSD	percent relative standard deviation
<	Based on qualifiers, the result was a nondetection.
—	none
4,4'-DDD	4,4'-dichlorodiphenyldichloroethane
4,4'-DDT	4,4'-dichlorodiphenyltrichloroethane
BHC	benzene hexachloride
CB	chlorinated biphenyl
CCB	continuing calibration blank
CCV	continuing calibration verification
CLP	Control Laboratory Program
CRDL	contract-required detection limit
CRI	CDRL check standard
DCG	Derived Concentration Guide (DOE)
DDE	dichlorodiphenyldichloroethylene
DNX	dinitroso-RDX (or hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
DQO	data quality objective
EPA	Environmental Protection Agency (U.S.)
GC	gas chromatography
GC/MS	gas chromatography/mass spectrometry
GFAA	graphite furnace atomic absorption
GFPC	gas-flow proportional counter
GW	groundwater
HH OO	Human Health—Organism Only (NMWQCC standard)
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HPLC	high-pressure liquid chromatography
ICAL	initial calibration
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification
IDL	instrument detection limit

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
IS	internal standard
LAL	lower acceptance limit
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
LOC	level of chlorination
LSC	liquid scintillation counting
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitroso-RDX (or hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC
NMED	New Mexico Environmental Department
NMWQCC	New Mexico Water Quality Control Commission
OPR	ongoing precision recovery
PCB	polychlorinated biphenyl
PCDD	polychlorinated dibenzo-p-dioxin
PCDF	polychlorinated dibenzofuran
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RF	response factor
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
RRT	relative retention time
RT	retention time
Scr	screening
SDG	sample delivery group
SMO	Sample Management Office
SSC	suspended sediment concentration
SU	standard unit
TCDD	tetrachlorodibenzo-p-dioxin

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
TCDF	tetrachlorodibenzofuran
TDS	total dissolved solids
TPH-DRO	total petroleum hydrocarbons—diesel range organics
TNX	trinitroso-RDX (or hexahydro-1,3,5-trinitroso-1,3,5-triazine)
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
W	water
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Lab Sample Type Codes	
CS	client sample
DL	dilution
DUP	duplicate
INIT	initial
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank
FTR	field triplicate
INB	equipment blank taken during installation and not associated with a sampling event
ITB	trip blank taken during installation and not associated with a sampling event
NA	not applicable
PEB	performance evaluation blank

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
PEK	performance evaluation known
REG	regular
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
Geninorg, GENINORG, General Chemistry	general inorganics
GRO	gasoline range organics
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
LCMS/MS	liquid chromatography mass spectrometry/mass spectrometry
METALS, Metals	metals
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry
SVOC, SVOA	semivolatile organic compounds
VOC, VOA	volatile organic compounds
Detect Flag and Best Value Flag Codes	
N	no
Y	yes
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services, Inc.
CFA	Cape Fear Analytical, LLC, Wilmington, NC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field
GEL	General Engineering Laboratories, Inc.

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Lab Codes (continued)	
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEO	Geochron Laboratories, Boston, MA
HENV	Health and Environmental Laboratory (Johnson Controls, Northern New Mexico)
HUFFMAN	Huffman Laboratories, Inc., Golden, CO
KA	KEMRON Environmental Services, Inc., Vienna, VA
LVLI	Lionville Laboratory, Inc., Philadelphia, PA
PARA	Paragon Analytics, Inc., Salt Lake City, UT
PEC	Pacific Ecorisk Laboratories, Fairfield, CA
QESL	Quanterra Environmental Services, St. Louis, MO
QST	QST Environmental, Newberry, FL
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Roy F. Weston, Inc., West Chester, PA
SGSW	Paradigm Analytical Laboratories, Inc., Wilmington, NC
SILENS	Stable Isotope Laboratory, Woods Hole, MA
STL2, STR	Severn Trent Laboratories, Inc., Richland, WA (historical)
STLA	Severn Trent Laboratories, Inc., Los Angeles, CA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SwRI	Southwest Research Institute, San Antonio, TX
UAZ	University of Arizona, Tucson
UIL	University of Illinois, Urbana-Champaign
UMTL	University of Miami Tritium Lab

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

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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.

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	10.5	—	—	3	µg/L	Y	—	NQ	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	68.7	—	—	3	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	67.1	—	—	3	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.35	—	—	0.01	SU	Y	H	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.1	—	—	0.725	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.8	—	—	0.725	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.4	—	—	0.725	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.9	—	—	0.725	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.41	—	—	0.0847	µg/L	Y	—	NQ	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2	—	—	0.0909	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.28	—	—	0.092	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.67	—	—	0.0816	µg/L	Y	—	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.59	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.6	—	—	0.0856	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0648	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0761	—	—	0.017	mg/L	Y	—	U	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0901	—	—	0.017	mg/L	Y	—	U	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0893	—	—	0.017	mg/L	Y	—	U	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0515	—	—	0.017	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0414	—	—	0.017	mg/L	Y	J	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.2	—	—	1	µg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.03	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.31	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	N	3.74	—	—	1	µg/L	Y	J	U	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.34	—	—	1	µg/L	Y	J	J	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	6.29	—	—	1	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	66.9	—	—	15	µg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	65.5	—	—	15	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	67.7	—	—	15	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	74.2	—	—	15	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	75.6	—	—	15	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	69.3	—	—	15	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0796	—	—	0.067	mg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10	—	—	0.05	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.67	—	—	0.067	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.58	—	—	0.067	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.59	—	—	0.067	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.7	—	—	0.067	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.46	—	—	0.067	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.27	—	—	0.067	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0921	—	—	0.033	mg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0856	—	—	0.033	mg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.9	—	—	0.453	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.3	—	—	0.453	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.2	—	—	0.453	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.4	—	—	0.453	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.4	—	—	0.0847	µg/L	Y	—	NQ	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.59	—	—	0.0909	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.4	—	—	0.092	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.63	—	—	0.0816	µg/L	Y	—	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.01	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.87	—	—	0.0856	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.01	—	—	0.11	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.31	—	—	0.11	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.35	—	—	0.11	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.61	—	—	0.3	µg/L	Y	J	J	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.57	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.52	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.59	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.8	—	—	0.3	µg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.67	—	—	0.3	µg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.534	—	—	0.165	µg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.682	—	—	0.165	µg/L	Y	—	U	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.668	—	—	0.165	µg/L	Y	—	U	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.652	—	—	0.165	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.686	—	—	0.165	µg/L	Y	—	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.577	—	—	0.165	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.544	—	—	0.5	µg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1	—	—	0.5	µg/L	Y	J	J	2013-2068	CAWA-13-40725	GELC

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.21	—	—	0.5	µg/L	Y	J	J	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.56	—	—	0.5	µg/L	Y	J	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.953	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.833	—	—	0.017	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.842	—	—	0.017	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.867	—	—	0.017	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.824	—	—	0.017	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.842	—	—	0.017	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.05	µg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.378	—	—	0.05	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.353	—	—	0.05	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.373	—	—	0.05	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.361	—	—	0.05	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.823	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.877	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.932	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.04	—	—	0.05	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.1	—	—	0.05	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.923	—	—	0.05	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	148	—	—	2.12	µg/L	Y	—	NQ	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	134	—	—	4.55	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	162	—	—	4.6	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	122	—	—	2.04	µg/L	Y	Q	J+	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	164	—	—	2.13	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	122	—	—	4.28	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.5	—	—	0.053	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.5	—	—	0.053	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.8	—	—	0.053	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.1	—	—	0.053	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.77	—	—	0.1	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	59.7	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.5	—	—	1	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.6	—	—	1	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.2	—	—	1	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.6	—	—	1	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.82	—	—	0.133	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.77	—	—	0.133	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.73	—	—	0.133	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.71	—	—	0.133	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.47	—	—	0.133	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.04	—	—	0.3	µg/L	Y	—	NQ	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.12	—	—	0.3	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.98	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.93	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.1	—	—	0.3	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.77	—	—	0.3	µg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.645	—	—	0.33	mg/L	Y	J	J	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.914	—	—	0.33	mg/L	Y	J	J	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.897	—	—	0.33	mg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.924	—	—	0.33	mg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.969	—	—	0.33	mg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.606	—	—	0.33	mg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	Y	0.9	—	—	0.3	µg/L	Y	J	J	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	1	—	—	0.3	µg/L	Y	U	U	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	1	—	—	0.3	µg/L	Y	U	U	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	1	—	—	0.3	µg/L	Y	U	U	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	1	—	—	0.3	µg/L	Y	U	UJ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	1	—	—	0.3	µg/L	Y	U	U	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.65	—	—	0.3	µg/L	Y	J	J	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.79	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.69	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.77	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.71	—	—	0.3	µg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.69	—	—	0.3	µg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.457	—	—	0.067	µg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.381	—	—	0.067	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.396	—	—	0.067	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.485	—	—	0.067	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.512	—	—	0.067	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.705	—	—	0.067	µg/L	Y	—	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.79	—	—	1	µg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.45	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.43	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.94	—	—	1	µg/L	Y	J	J	2013-956	CAWA-13-33603	GELC

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.35	—	—	1	µg/L	Y	J	J	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.39	—	—	1	µg/L	Y	J	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.02	—	—	3.3	µg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-417	CAWA-13-24553	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.48	—	—	0.01	SU	Y	H	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	J-	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.2	—	—	0.725	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.2	—	—	0.725	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	—	0.725	mg/L	Y	H	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.9	—	—	0.73	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0505	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0376	—	—	0.017	mg/L	Y	J	J	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0616	—	—	0.017	mg/L	Y	—	U	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.4	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.6	—	—	1	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.76	—	—	0.05	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.68	—	—	0.067	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.67	—	—	0.067	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.67	—	—	0.067	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.59	—	—	0.066	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.63	—	—	0.066	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.066	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0996	—	—	0.033	mg/L	Y	J	J	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0986	—	—	0.033	mg/L	Y	J	J	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	—	0.033	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.128	—	—	0.033	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.4	—	—	0.453	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.1	—	—	0.453	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.6	—	—	0.45	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.9	—	—	0.45	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.7	—	—	0.45	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.38	—	—	0.11	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.22	—	—	0.11	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.165	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.165	µg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.09	—	—	0.165	µg/L	Y	—	U	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.743	—	—	0.17	µg/L	Y	—	U	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.667	—	—	0.17	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.564	—	—	0.17	µg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.892	—	—	0.5	µg/L	Y	J	J	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.712	—	—	0.5	µg/L	Y	J	J	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.905	—	—	0.5	µg/L	Y	J	J	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.55	—	—	0.5	µg/L	Y	J	J	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.571	—	—	0.5	µg/L	Y	J	J	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.667	—	—	0.5	µg/L	Y	J	J	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.335	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.619	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.29	—	—	0.017	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.296	—	—	0.05	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.251	—	—	0.1	mg/L	Y	J	J-	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.26	—	—	0.1	mg/L	Y	J	J-	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.264	—	—	0.05	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	—	0.05	µg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.274	—	—	0.05	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.26	—	—	0.05	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.249	—	—	0.05	µg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	J	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	J	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.276	—	—	0.086	µg/L	Y	—	NQ	2014-2709	CAWA-14-46039	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.278	—	—	0.0889	µg/L	Y	U	U	2014-2709	CAWA-14-46033	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.0968	—	—	0.086	µg/L	Y	J	J	2013-2069	CAWA-13-41328	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2396	CAWA-11-7364	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2355	CAWA-11-7326	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2355	CAWA-11-7265	GELC

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.4	—	—	0.053	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.9	—	—	0.053	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.9	—	—	0.053	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.5	—	—	0.053	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.1	—	—	0.053	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.43	—	—	0.1	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µS/cm	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.2	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	55.1	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56.3	—	—	1	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.4	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	55.3	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.75	—	—	0.133	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	—	—	0.133	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.1	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.06	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	2.4	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	2.4	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	112	—	—	2.4	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.15	—	—	0.033	mg/L	Y	—	NQ	2014-2709	CAWA-14-46039	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0405	—	—	0.033	mg/L	Y	J	J	2014-2709	CAWA-14-46033	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.167	—	—	0.033	mg/L	Y	—	NQ	2013-2069	CAWA-13-41328	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.18	mg/L	Y	U	UJ	11-2396	CAWA-11-7364	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	U	11-2355	CAWA-11-7326	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	U	11-2355	CAWA-11-7265	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.52	—	—	0.33	mg/L	Y	J	J	2014-2709	CAWA-14-46039	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.466	—	—	0.33	mg/L	Y	J	J	2014-2709	CAWA-14-46033	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.68	—	—	0.33	mg/L	Y	J	J	2013-2069	CAWA-13-41328	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.405	—	—	0.33	mg/L	Y	J	J	11-2396	CAWA-11-7364	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	11-2355	CAWA-11-7326	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.714	—	—	0.33	mg/L	Y	J	J	11-2355	CAWA-11-7265	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.651	—	—	0.067	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.631	—	—	0.067	µg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.527	—	—	0.067	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.507	—	—	0.067	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.508	—	—	0.067	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.501	—	—	0.067	µg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.47	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.5	—	—	1	µg/L	Y	J	J	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.86	—	—	1	µg/L	Y	J	J	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.43	—	—	1	µg/L	Y	J	J	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.42	—	—	1	µg/L	Y	J	J	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.73	—	—	1	µg/L	Y	J	J	11-2355	CAWA-11-7247	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	J-	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	J-	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	J-	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56	—	—	0.725	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.6	—	—	0.725	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	0.73	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.9	—	—	0.73	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.9	—	—	0.73	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.11	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.117	—	—	0.017	mg/L	Y	—	U	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0666	—	—	0.016	mg/L	Y	—	J-	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0425	—	—	0.016	mg/L	Y	J	J	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.1	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.7	—	—	1	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36	—	—	1	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	27.7	—	—	1	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.84	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.81	—	—	0.05	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.39	—	—	0.05	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.93	—	—	0.05	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.74	—	—	0.067	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.77	—	—	0.067	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.73	—	—	0.066	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.71	—	—	0.066	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.64	—	—	0.066	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.151	—	—	0.033	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.223	—	—	0.033	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.188	—	—	0.033	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.4	—	—	0.453	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.45	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.7	—	—	0.45	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.9	—	—	0.45	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	51.3	—	—	30	µg/L	Y	J	J	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	141	—	—	30	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	44	—	—	30	µg/L	Y	J	J	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	432	—	—	30	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	135	—	—	30	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.13	—	—	0.11	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	179	—	—	2	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	183	—	—	2	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	201	—	—	2	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	318	—	—	2	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	246	—	—	2	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.28	—	—	0.165	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.17	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.17	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.48	—	—	0.17	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.19	—	—	0.5	µg/L	Y	J	J	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.58	—	—	0.5	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.96	—	—	0.5	µg/L	Y	J	J	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.57	—	—	0.5	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.95	—	—	0.5	µg/L	Y	J	J	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.491	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.19	—	—	0.017	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.301	—	—	0.1	mg/L	Y	J	J	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.217	—	—	0.1	mg/L	Y	J	J	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.153	—	—	0.1	mg/L	Y	J	J-	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.219	—	—	0.05	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.142	—	—	0.05	µg/L	Y	J	J	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.236	—	—	0.05	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.195	—	—	0.05	µg/L	Y	J	J	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.228	—	—	0.05	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.75	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	N	1.44	—	—	0.05	mg/L	Y	—	U	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	J	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.8	—	—	0.053	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.6	—	—	0.053	mg/L	Y	—	J+	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.2	—	—	0.053	mg/L	Y	—	J+	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.1	—	—	0.053	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC

Table C-1 TA-16 260 Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.1	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56.8	—	—	1	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.6	—	—	1	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.7	—	—	1	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.9	—	—	1	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.67	—	—	0.133	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.91	—	—	0.133	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.85	—	—	0.1	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.93	—	—	0.1	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.71	—	—	0.1	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	2.4	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	2.4	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	2.4	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.555	—	—	0.33	mg/L	Y	J	J	2014-2709	CAWA-14-46040	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.1	—	—	0.33	mg/L	Y	—	NQ	2013-2057	CAWA-13-41329	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.84	—	—	0.33	mg/L	Y	J	J	11-2168	CAWA-11-7382	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	11-2156	CAWA-11-7332	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.866	—	—	0.33	mg/L	Y	J	J	11-2113	CAWA-11-7284	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.597	—	—	0.067	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.582	—	—	0.067	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.745	—	—	0.067	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.709	—	—	0.067	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.602	—	—	0.067	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.55	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.98	—	—	1	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.01	—	—	1	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.25	—	—	1	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.25	—	—	1	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.08	—	—	0.01	SU	Y	H	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.31	—	—	0.01	SU	Y	H	J-	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.16	—	—	0.01	SU	Y	H	J-	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.22	—	—	0.01	SU	Y	H	J-	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.24	—	—	0.01	SU	Y	H	J-	11-1504	RE16-11-3297	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	—	0.725	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.725	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	0.73	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.4	—	—	0.73	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	—	0.73	mg/L	Y	—	NQ	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.5	—	—	0.73	mg/L	Y	—	NQ	11-1504	RE16-11-3297	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	110	—	—	68	µg/L	Y	J	J	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	111	—	—	68	µg/L	Y	J	J	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0165	0.00707	0.0472	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0077	0.054	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	44.1	—	—	1	µg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	43.5	—	—	1	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	49.9	—	—	1	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	46.1	—	—	1	µg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	49.7	—	—	1	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.2	—	—	0.05	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.884	1.44	5.24	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.922	1.4	5.4	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.7	—	—	0.335	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.8	—	—	0.067	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.3	—	—	0.13	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.9	—	—	0.13	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.2	—	—	0.13	mg/L	Y	—	NQ	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.4	—	—	0.13	mg/L	Y	—	NQ	11-1504	RE16-11-3297	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2	—	—	2	µg/L	Y	J	J	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.57	—	—	2	µg/L	Y	J	J	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.61	—	—	2	µg/L	Y	J	J	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	2.82	—	—	2	µg/L	Y	J	U	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.45	1.3	5.57	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.00846	1.2	4.7	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0952	—	—	0.033	mg/L	Y	J	J	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.149	—	—	0.033	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.155	—	—	0.033	mg/L	Y	—	NQ	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.155	—	—	0.033	mg/L	Y	—	NQ	11-1504	RE16-11-3297	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.482	0.461	1.66	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.731	0.65	2.4	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.45	0.372	1.1	—	pCi/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.62	0.97	3	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.9	—	—	0.453	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.6	—	—	0.453	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.3	—	—	0.453	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59	—	—	0.453	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.7	—	—	0.45	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.103	—	—	0.0889	µg/L	Y	J	J	2014-2943	CAWA-14-54732	GELC
16-26644	130	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.0867	—	—	0.0829	µg/L	Y	JQ	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.193	—	—	0.0879	µg/L	Y	J	J	2013-666	CAWA-13-28819	GELC
16-26644	130	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.0895	—	—	0.0842	µg/L	Y	J	J	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.123	—	—	0.1	µg/L	Y	J	J	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.38	—	—	0.11	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.9	—	—	0.11	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.65	—	—	0.11	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.1	—	—	0.11	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.89	—	—	0.11	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.592	—	—	0.165	µg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.165	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.529	—	—	0.165	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.721	—	—	0.165	µg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.612	—	—	0.17	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.02	3.05	10.5	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.889	2.4	8.4	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.3	—	—	0.5	µg/L	Y	J	J	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.42	—	—	0.5	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.29	—	—	0.5	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.74	—	—	0.5	µg/L	Y	J	U	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.58	—	—	0.5	µg/L	Y	J	J	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.855	—	—	0.085	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.849	—	—	0.017	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.93	—	—	0.05	mg/L	Y	—	J	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	—	0.05	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.875	—	—	0.05	mg/L	Y	—	NQ	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.87	—	—	0.05	mg/L	Y	—	NQ	11-1504	RE16-11-3297	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.431	—	—	0.05	µg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.46	—	—	0.05	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.553	—	—	0.05	µg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.472	—	—	0.05	µg/L	Y	—	NQ	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.509	—	—	0.05	µg/L	Y	—	NQ	11-1504	RE16-11-3297	GELC
16-26644	130	11/02/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.472	—	—	0.05	µg/L	Y	—	NQ	11-351	RE16-11-1719	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00256	0.00769	0.033	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00263	0.0026	0.043	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	1.71E-09	0.0081	0.0752	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00263	0.0069	0.034	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.73	—	—	0.05	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.92	—	—	0.05	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.04	—	—	0.05	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.85	—	—	0.05	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.2	—	—	0.05	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.4	18.6	82.8	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.75	18	70	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.69	—	—	0.0889	µg/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.76	—	—	0.0829	µg/L	Y	—	NQ	2013-1810	CAWA-13-40699	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	03/26/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.29	—	—	0.0879	µg/L	Y	—	NQ	2013-666	CAWA-13-28819	GELC
16-26644	130	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.8	—	—	0.0842	µg/L	Y	—	NQ	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.75	—	—	0.1	µg/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	43.8	—	—	0.053	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	49	—	—	0.053	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.9	—	—	0.053	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46.5	—	—	0.053	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46.9	—	—	0.053	mg/L	Y	—	NQ	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	48.1	—	—	0.053	mg/L	Y	—	NQ	11-1504	RE16-11-3297	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.57	1.44	6.33	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.17	1.5	5.2	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	1	µS/cm	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µS/cm	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	—	1	µS/cm	Y	—	NQ	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	209	—	—	1	µS/cm	Y	—	NQ	11-1504	RE16-11-3297	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	101	—	—	1	µg/L	Y	E	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	98.9	—	—	1	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	95	—	—	1	µg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.314	0.151	0.489	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.337	0.15	0.48	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.93	—	—	0.133	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.62	—	—	0.133	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.79	—	—	0.1	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.91	—	—	0.1	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.38	—	—	0.1	mg/L	Y	—	J+	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.4	—	—	0.1	mg/L	Y	—	J+	11-1504	RE16-11-3297	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	3.16	—	—	0.3	µg/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	09/05/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.79	—	—	0.3	µg/L	Y	J	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	2.56	—	—	0.3	µg/L	Y	—	NQ	2013-666	CAWA-13-28819	GELC
16-26644	130	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.13	—	—	0.3	µg/L	Y	—	NQ	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	2.85	—	—	0.3	µg/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	03/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	2.4	mg/L	Y	—	NQ	11-1504	RE16-11-3292	GELC
16-26644	130	03/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	2.4	mg/L	Y	—	NQ	11-1504	RE16-11-3297	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.16	—	—	0.33	mg/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.9	—	—	0.33	mg/L	Y	J	J	2013-666	CAWA-13-28819	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.799	—	—	0.33	mg/L	Y	J	J	12-585	CAWA-12-1955	GELC
16-26644	130	09/19/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.62	—	—	0.33	mg/L	Y	—	NQ	11-3641	CAWA-11-27147	GELC
16-26644	130	03/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.615	—	—	0.33	mg/L	Y	J	J	11-1503	RE16-11-3293	GELC
16-26644	130	03/02/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.814	—	—	0.33	mg/L	Y	J	J	11-1503	RE16-11-3298	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	2.47	—	—	0.3	µg/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	09/05/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.68	—	—	0.3	µg/L	Y	J	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	2.13	—	—	0.3	µg/L	Y	—	NQ	2013-666	CAWA-13-28819	GELC
16-26644	130	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.91	—	—	0.3	µg/L	Y	J	J	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	2.13	—	—	0.25	µg/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.152	—	—	0.0889	µg/L	Y	J	J	2014-2943	CAWA-14-54732	GELC
16-26644	130	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.137	—	—	0.0829	µg/L	Y	J	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.32	—	—	0.0879	µg/L	Y	—	NQ	2013-666	CAWA-13-28819	GELC
16-26644	130	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.176	—	—	0.0842	µg/L	Y	J	J	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.337	—	—	0.1	µg/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.67	—	—	0.067	µg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.952	—	—	0.067	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.73	—	—	0.067	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.696	—	—	0.067	µg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.838	—	—	0.067	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.35	0.0289	0.0377	—	pCi/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.433	0.045	0.043	—	pCi/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00843	0.00743	0.0359	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00352	0.0061	0.038	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.173	0.0203	0.0352	—	pCi/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.222	0.03	0.037	—	pCi/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.35	—	—	1	µg/L	Y	J	J	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.74	—	—	1	µg/L	Y	J	J	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.87	—	—	1	µg/L	Y	J	J	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.97	—	—	1	µg/L	Y	J	J	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.78	—	—	1	µg/L	Y	J	J	12-585	CAWA-12-1954	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.39	—	—	0.01	SU	Y	H	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	J-	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	J-	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.8	—	—	0.725	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69	—	—	0.725	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.8	—	—	0.725	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.3	—	—	0.725	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.6	—	—	0.73	mg/L	Y	—	NQ	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.1	—	—	0.73	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	766	—	—	68	µg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	482	—	—	68	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	388	—	—	68	µg/L	Y	—	U	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	238	—	—	68	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	210	—	—	68	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	336	—	—	68	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0025	0.00559	0.05	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00886	0.0122	0.0405	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00684	0.0469	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00329	0.0028	0.039	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0229	0.0086	0.03	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00959	0.01	0.042	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.153	—	—	0.0829	µg/L	Y	J	J	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.14	—	—	0.0889	µg/L	Y	J	J	2013-1962	CAWA-13-40700	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.189	—	—	0.0879	µg/L	Y	J	J	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.176	—	—	0.0909	µg/L	Y	J	J	12-1434	CAPA-12-17594	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.206	—	—	0.0941	µg/L	Y	J	J	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.173	—	—	0.1	µg/L	Y	J	J	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	53.9	—	—	1	µg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	69.6	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	60	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	70.1	—	—	1	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	69	—	—	1	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	72.1	—	—	1	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.7	—	—	15	µg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.5	—	—	15	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.2	—	—	15	µg/L	Y	J	J	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.9	—	—	15	µg/L	Y	J	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	28.3	—	—	15	µg/L	Y	J	J	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.9	—	—	15	µg/L	Y	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0814	—	—	0.067	mg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0802	—	—	0.067	mg/L	Y	J	J	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0747	—	—	0.067	mg/L	Y	J	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0809	—	—	0.067	mg/L	Y	J	J	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.9	—	—	0.05	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	19	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.1	—	—	0.05	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20	—	—	0.05	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.149	1.28	4.6	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.362	1.57	5.87	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.107	1.33	4.73	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.219	1.3	4.3	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.16	1.6	5.1	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.82	1.9	5.8	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.9	—	—	0.134	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.1	—	—	0.067	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.1	—	—	0.067	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.1	—	—	0.067	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17	—	—	0.066	mg/L	Y	—	NQ	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.4	—	—	0.13	mg/L	Y	—	J+	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.06	—	—	2	µg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.01	—	—	2	µg/L	Y	J	J	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	2.11	—	—	2	µg/L	Y	J	U	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.74	—	—	2.5	µg/L	Y	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.885	1.41	5.1	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.11	1.62	6.2	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.711	1.42	5.27	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.784	0.8	2.2	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.44	1.5	5.2	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.3	1.5	5.9	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	—	0.033	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.381	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	—	—	0.033	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.359	—	—	0.033	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.426	—	—	0.033	mg/L	Y	—	NQ	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	—	0.033	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.7	0.812	2.4	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.165	0.308	2.13	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.389	0.519	2.18	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.08	0.79	2.6	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.32	0.78	2.3	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/04/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.78	1.37	3.32	—	pCi/L	Y	—	J	193122	GU070800GSLB01	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.646	0.436	1.44	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.45	1.05	2.81	—	pCi/L	Y	—	NQ	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.42	0.944	2.8	—	pCi/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.9	0.85	2.6	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.23	0.98	3	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/04/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.83	1.05	2.15	—	pCi/L	Y	—	J	193122	GU070800GSLB01	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.7	—	—	0.453	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.8	—	—	0.453	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.5	—	—	0.453	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.9	—	—	0.453	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.7	—	—	0.453	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	71.6	—	—	0.35	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.01	—	—	0.0829	µg/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.14	—	—	0.0889	µg/L	Y	Q	NQ	2013-1962	CAWA-13-40700	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.35	—	—	0.0879	µg/L	Y	—	NQ	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.24	—	—	0.0909	µg/L	Y	—	NQ	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.72	—	—	0.0941	µg/L	Y	Q	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.58	—	—	0.1	µg/L	Y	—	NQ	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	460	—	—	30	µg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	342	—	—	30	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	216	—	—	30	µg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	120	—	—	30	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	109	—	—	30	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	186	—	—	30	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.15	—	—	0.11	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.46	—	—	0.11	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.63	—	—	0.11	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.52	—	—	0.11	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.26	—	—	0.085	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.94	—	—	2	µg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.28	—	—	2	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.29	—	—	0.165	µg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.07	—	—	0.165	µg/L	Y	—	U	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.57	—	—	0.165	µg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.165	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.869	—	—	0.1	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.09	2.66	10	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.93	3.41	12.2	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.92	2.55	9.59	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.55	2.6	8.1	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	12.9	11	39	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-13.3	11	35	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.684	—	—	0.5	µg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.31	—	—	0.5	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.01	—	—	0.5	µg/L	Y	J	U	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.642	—	—	0.5	µg/L	Y	J	U	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.587	—	—	0.5	µg/L	Y	J	U	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.834	—	—	0.5	µg/L	Y	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.92	—	—	0.017	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.871	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.931	—	—	0.017	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.92	—	—	0.085	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.208	—	—	0.05	mg/L	Y	J	J-	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.72	—	—	0.05	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.537	—	—	0.05	µg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.902	—	—	0.05	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.903	—	—	0.05	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.778	—	—	0.05	µg/L	Y	—	NQ	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.788	—	—	0.05	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.846	—	—	0.05	µg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00314	0.00701	0.0404	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00475	0.0226	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0077	0.0172	0.0259	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0022	0.0022	0.025	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0066	0.0044	0.037	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0023	0.032	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0125	0.00768	0.0921	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0134	0.00822	0.0404	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-3.85E-09	0.0144	0.0464	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0154	0.0073	0.043	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0022	0.036	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00676	0.0039	0.038	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.95	—	—	0.05	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.86	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.18	—	—	0.05	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.12	—	—	0.05	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.1	—	—	0.05	mg/L	Y	—	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.2	15.5	58	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.3	15.8	57	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-7.51	17.4	70.8	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.44	17	55	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.25	19	67	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.5	14	53	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.8	—	—	0.0829	µg/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.6	—	—	0.0889	µg/L	Y	—	NQ	2013-1962	CAWA-13-40700	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.57	—	—	0.0879	µg/L	Y	—	NQ	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.51	—	—	0.0909	µg/L	Y	—	NQ	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.27	—	—	0.0941	µg/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.88	—	—	0.1	µg/L	Y	—	NQ	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	49.3	—	—	0.053	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55	—	—	0.053	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55.5	—	—	0.053	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.8	—	—	0.053	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	56.7	—	—	0.053	mg/L	Y	—	NQ	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	45	—	—	0.053	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.7	—	—	0.1	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.4	—	—	0.1	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.6	—	—	0.1	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.8	—	—	0.1	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.6	—	—	0.1	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22	—	—	0.1	mg/L	Y	—	J+	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.93	1.25	3.64	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.06	1.41	4.59	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.944	1.16	4.97	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.403	0.99	3.5	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.99	1.2	4.5	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.02	1.4	4.5	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	—	1	µS/cm	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	229	—	—	1	µS/cm	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	259	—	—	1	µS/cm	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	260	—	—	1	µS/cm	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	254	—	—	1	µS/cm	Y	—	NQ	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µS/cm	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	92.5	—	—	1	µg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	125	—	—	1	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	122	—	—	1	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	118	—	—	1	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.195	0.146	0.488	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0189	0.133	0.49	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0358	0.14	0.495	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.135	0.13	0.44	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.107	0.12	0.4	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.271	0.16	0.52	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.66	—	—	0.133	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.48	—	—	0.133	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	—	0.133	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	—	0.133	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	—	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	210	—	—	2.4	mg/L	Y	—	J	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	210	—	—	2.4	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.311	—	—	0.033	mg/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.116	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.139	—	—	0.035	mg/L	Y	—	J+	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.116	—	—	0.033	mg/L	Y	—	U	11-95	CAPA-10-26883	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.84	—	—	0.33	mg/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.44	—	—	0.33	mg/L	Y	—	NQ	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.07	—	—	0.33	mg/L	Y	—	NQ	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.04	—	—	0.33	mg/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.36	—	—	0.33	mg/L	Y	—	NQ	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.15	—	—	0.33	mg/L	Y	—	J	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.489	—	—	0.017	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0415	—	—	0.017	mg/L	Y	J	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0243	—	—	0.017	mg/L	Y	J	J	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.047	—	—	0.015	mg/L	Y	J	U	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.043	—	—	0.015	mg/L	Y	J	U	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.263	0.03	0.05	—	pCi/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.3	0.0341	0.0865	—	pCi/L	Y	—	J	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.299	0.031	0.0755	—	pCi/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.136	0.019	0.035	—	pCi/L	Y	—	NQ	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.267	0.032	0.083	—	pCi/L	Y	—	NQ	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.201	0.04	0.19	—	pCi/L	Y	—	NQ	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0299	0.0118	0.0477	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0194	0.0103	0.0311	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00339	0.00758	0.0271	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00516	0.0037	0.027	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00864	0.012	0.042	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0134	0.012	0.1	—	pCi/L	Y	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.136	0.0207	0.0467	—	pCi/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.201	0.0263	0.0546	—	pCi/L	Y	—	J	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.214	0.0257	0.0476	—	pCi/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.125	0.019	0.021	—	pCi/L	Y	—	NQ	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.226	0.03	0.05	—	pCi/L	Y	—	NQ	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	09/12/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.032	0.098	—	pCi/L	Y	—	NQ	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.35	—	—	1	µg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.91	—	—	1	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.26	—	—	1	µg/L	Y	J	J	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.88	—	—	1	µg/L	Y	J	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.42	—	—	1	µg/L	Y	J	J	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.23	—	—	1	µg/L	Y	J	J	11-95	CAPA-10-26882	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	J-	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.36	—	—	0.01	SU	Y	H	J-	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	J-	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	0.725	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	0.725	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.5	—	—	0.73	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.7	—	—	0.73	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.3	—	—	0.73	mg/L	Y	—	NQ	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	262	—	—	68	µg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	326	—	—	68	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	292	—	—	68	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00415	0.00587	0.0416	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00344	0.0042	0.034	—	pCi/L	Y	U	UJ	12-566	CAWA-12-1934	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.013	0.0076	0.036	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0051	0.0036	0.037	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00462	0.004	0.034	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0142	0.0049	0.029	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.234	—	—	0.097	µg/L	Y	J	J	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.282	—	—	0.0904	µg/L	Y	U	U	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.251	—	—	0.092	µg/L	Y	J	J	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	07/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.249	—	—	0.0889	µg/L	Y	J	J	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.302	—	—	0.1	µg/L	Y	J	J	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0303	—	—	0.017	mg/L	Y	J	J	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0877	—	—	0.017	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0465	—	—	0.016	mg/L	Y	J	U	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.027	—	—	0.016	mg/L	Y	J	J-	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	163	—	—	1	µg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	209	—	—	1	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	197	—	—	1	µg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	194	—	—	1	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	266	—	—	1	µg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0705	—	—	0.067	mg/L	Y	J	J	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.137	—	—	0.066	mg/L	Y	J	J	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0824	—	—	0.066	mg/L	Y	J	J	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.4	—	—	0.05	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.2	—	—	0.05	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	29	—	—	0.05	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.24	1.18	4.11	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	5.12	2.8	4.5	—	pCi/L	Y	UI	R	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.04	1.9	5.9	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.28	1.6	5.6	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.57	1.6	4	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.429	1.5	4.8	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.9	—	—	0.335	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.3	—	—	0.134	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	42	—	—	0.33	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.5	—	—	0.13	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.8	—	—	0.066	mg/L	Y	—	NQ	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.12	1.41	5.68	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.45	1.2	4.2	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.39	1.9	5.3	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.32	1.4	5.2	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.33	1.5	5.9	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0603	1.3	4.1	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	—	0.033	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.179	—	—	0.033	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.75	0.998	2.82	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.38	0.74	2	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.985	0.64	1.9	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.08	0.67	2	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.39	0.95	2.3	—	pCi/L	Y	—	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.333	0.56	2.4	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.82	0.393	1.22	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.2	1.2	2.9	—	pCi/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.9	0.73	2.1	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.03	0.67	2.2	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.77	0.75	1.9	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.01	1	2.8	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.1	—	—	0.453	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76	—	—	0.453	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.6	—	—	0.453	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.2	—	—	0.453	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	107	—	—	0.45	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.41	—	—	0.097	µg/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.282	—	—	0.0904	µg/L	Y	U	U	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.61	—	—	0.092	µg/L	Y	—	J+	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	07/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.29	—	—	0.0889	µg/L	Y	—	NQ	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.32	—	—	0.1	µg/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.92	—	—	0.11	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.07	—	—	0.11	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.12	—	—	0.11	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.07	—	—	0.11	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.51	—	—	0.11	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.843	—	—	0.165	µg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.584	—	—	0.165	µg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.757	—	—	0.165	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.69	—	—	0.17	µg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.39	2.46	8.53	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.15	2.9	11	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.31	3	10	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.14	3.6	12	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.19	10	32	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-8.41	10	33	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.5	µg/L	Y	J	J	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.67	—	—	0.5	µg/L	Y	J	J	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.39	—	—	0.5	µg/L	Y	J	U	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.42	—	—	0.5	µg/L	Y	J	U	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.33	—	—	0.5	µg/L	Y	J	J	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.085	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	—	—	0.085	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	1.48	—	—	0.05	mg/L	Y	—	U	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.849	—	—	0.1	mg/L	Y	—	J	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.577	—	—	0.05	µg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.615	—	—	0.05	µg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.599	—	—	0.05	µg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.592	—	—	0.05	µg/L	Y	—	NQ	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	10/15/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.715	—	—	0.05	µg/L	Y	—	NQ	10-148	CAWA-09-13705	GELC
Burning Ground Spring	—	10/15/09	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.697	—	—	0.05	µg/L	Y	—	NQ	10-148	CAWA-09-13707	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0074	0.0389	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00668	0.0081	0.043	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00555	0.0048	0.028	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0029	0.023	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0019	0.031	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000365	0.0056	0.039	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00302	0.00675	0.0886	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00455	0.0055	0.034	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00555	0.0079	0.053	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.005	0.033	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0019	0.03	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00222	0.0032	0.038	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.19	—	—	0.05	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.39	—	—	0.05	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.28	—	—	0.05	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.11	—	—	0.05	mg/L	Y	E	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-34.1	18.9	56.4	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.21	14	54	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16	25	91	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.7	22	78	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.5	19	68	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-27.5	18	54	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	12.2	—	—	0.194	µg/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	09/12/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18	—	—	0.226	µg/L	Y	—	NQ	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	03/25/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18.2	—	—	0.46	µg/L	Y	—	NQ	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	07/13/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	16.3	—	—	0.444	µg/L	Y	—	NQ	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	01/10/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	19.7	—	—	0.26	µg/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18.8	—	—	0.1	µg/L	N	—	R	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	37.5	—	—	0.053	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.7	—	—	0.053	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.5	—	—	0.053	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	41	—	—	0.053	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	40.6	—	—	0.053	mg/L	Y	—	NQ	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.6	—	—	0.1	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.7	—	—	0.1	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.8	—	—	0.1	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.2	1.12	3.53	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.38	1.1	4.9	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.12	1.6	4.5	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.984	1.5	4.8	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.87	1.6	5	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.88	1.3	3.6	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	212	—	—	1	µS/cm	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	233	—	—	1	µS/cm	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	341	—	—	1	µS/cm	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µS/cm	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	1	µS/cm	Y	—	NQ	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	112	—	—	1	µg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	127	—	—	1	µg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0355	0.0928	0.377	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.188	0.15	0.48	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0707	0.13	0.48	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.119	0.14	0.48	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.178	0.13	0.44	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0173	0.12	0.43	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.71	—	—	0.133	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.72	—	—	0.133	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.35	—	—	0.1	mg/L	Y	—	NQ	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.44	—	—	0.3	µg/L	Y	H	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	09/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.79	—	—	0.3	µg/L	Y	—	NQ	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.97	—	—	0.3	µg/L	Y	J	J	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	07/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.64	—	—	0.3	µg/L	Y	—	NQ	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.67	—	—	0.3	µg/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	—	3.4	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	172	—	—	2.4	mg/L	Y	—	NQ	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0711	—	—	0.033	mg/L	Y	J	J	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0381	—	—	0.033	mg/L	Y	J	J	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.204	—	—	0.035	mg/L	Y	—	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.34	—	—	0.33	mg/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.39	—	—	0.33	mg/L	Y	—	NQ	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.21	—	—	0.33	mg/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.94	—	—	0.33	mg/L	Y	—	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.93	—	—	0.33	mg/L	Y	—	NQ	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0349	—	—	0.017	mg/L	Y	J	J	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0748	—	—	0.015	mg/L	Y	—	U	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.146	—	—	0.015	mg/L	Y	—	U	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.139	—	—	0.015	mg/L	Y	—	U	10-4543	CAWA-10-25705	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.44	—	—	0.3	µg/L	Y	H	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	09/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.91	—	—	0.3	µg/L	Y	—	NQ	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.08	—	—	0.3	µg/L	Y	—	NQ	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	07/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.74	—	—	0.3	µg/L	Y	—	NQ	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.78	—	—	0.25	µg/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.255	—	—	0.097	µg/L	Y	J	J	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.282	—	—	0.0904	µg/L	Y	U	U	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.403	—	—	0.092	µg/L	Y	—	J+	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	07/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.334	—	—	0.0889	µg/L	Y	—	NQ	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.53	—	—	0.1	µg/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.248	0.0276	0.0466	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.665	0.065	0.05	—	pCi/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.451	0.052	0.065	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.288	0.04	0.096	—	pCi/L	Y	—	NQ	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.265	0.031	0.07	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.294	0.033	0.069	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13706	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0104	0.0104	0.0445	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0284	0.014	0.044	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00444	0.0077	0.047	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00883	0.0089	0.048	—	pCi/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0156	0.0071	0.036	—	pCi/L	Y	U	U	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00434	0.0078	0.036	—	pCi/L	Y	U	U	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.18	0.0229	0.0436	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.44	0.048	0.042	—	pCi/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.352	0.045	0.056	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.154	0.027	0.042	—	pCi/L	Y	—	NQ	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.179	0.023	0.043	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13703	GELC
Burning Ground Spring	—	10/15/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.175	0.024	0.042	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13706	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.07	—	—	1	µg/L	Y	J	J	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.29	—	—	1	µg/L	Y	J	J	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.42	—	—	1	µg/L	Y	J	J	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.91	—	—	1	µg/L	Y	J	J	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.42	—	—	1	µg/L	Y	J	J	12-566	CAWA-12-1933	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	J-	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J-	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	J-	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.7	—	—	0.725	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.1	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	193	—	—	0.73	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.4	—	—	0.73	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.5	—	—	0.73	mg/L	Y	—	NQ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	70.1	—	—	68	µg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	140	—	—	68	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00236	0.00783	0.0473	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00913	0.0873	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00178	0.004	0.03	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00845	0.0042	0.035	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00152	0.0023	0.041	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.166	—	—	0.0914	µg/L	Y	J	J	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	09/20/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.77	—	—	0.0879	µg/L	Y	—	NQ	2013-2063	CAWA-13-42031	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.142	—	—	0.0847	µg/L	Y	J	J	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.391	—	—	0.0909	µg/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.302	—	—	0.1	µg/L	Y	J	J	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0442	—	—	0.017	mg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.128	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.151	—	—	0.016	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.08	—	—	0.016	mg/L	Y	—	J-	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2310	—	—	1	µg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2440	—	—	1	µg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3020	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3130	—	—	1	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	5510	—	—	1	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.5	—	—	15	µg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	47.4	—	—	15	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	67.2	—	—	15	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	51.4	—	—	15	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.2	—	—	0.05	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.4	—	—	0.05	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.4	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	50.8	—	—	0.05	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	53.1	—	—	0.05	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.42	1.81	6.9	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.72	1.45	5.48	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.927	1.8	5.7	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.446	2	6.6	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.44	1.7	5.7	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.4	—	—	0.335	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.7	—	—	0.335	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.9	—	—	0.066	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.5	—	—	0.13	mg/L	Y	—	J+	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.9	—	—	0.066	mg/L	N	—	J+	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.9	—	—	0.066	mg/L	Y	—	J+	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.48	1.98	5.48	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00118	1.24	4.81	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.58	1.9	5.2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.31	1.4	4.1	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.223	1.4	3.9	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.23	—	—	0.033	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.172	—	—	0.033	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.248	—	—	0.033	mg/L	N	—	R	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.122	—	—	0.033	mg/L	Y	—	NQ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.57	0.633	1.71	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.982	0.669	2.19	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.22	1.1	2.3	—	pCi/L	Y	—	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.499	0.64	2.9	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.586	0.5	1.8	—	pCi/L	Y	U	U	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.17	0.441	1.24	—	pCi/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	16.9	1.4	2.96	—	pCi/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.57	1.1	3	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.84	0.94	3	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.47	1.4	3.8	—	pCi/L	Y	—	NQ	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67	—	—	0.453	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	92.6	—	—	0.453	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.6	—	—	0.453	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	165	—	—	0.453	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	179	—	—	0.45	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.68	—	—	0.0914	µg/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	09/20/13	WS	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	48.9	—	—	2.2	µg/L	Y	—	NQ	2013-2063	CAWA-13-42031	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.22	—	—	0.0847	µg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.7	—	—	0.0909	µg/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.77	—	—	0.1	µg/L	Y	—	NQ	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.02	—	—	0.11	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.47	—	—	0.11	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.51	—	—	0.11	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	9.37	—	—	0.11	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.3	—	—	0.11	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	37.3	—	—	2	µg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	113	—	—	2	µg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	161	—	—	2	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2570	—	—	2	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.922	—	—	0.165	µg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.165	µg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.165	µg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.6	—	—	0.165	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.82	—	—	0.17	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.199	2.99	11	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.505	2.6	9.29	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.38	3.1	10	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.54	2.7	9.5	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	14	9	30	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.93	—	—	0.5	µg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.97	—	—	0.5	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.41	—	—	0.5	µg/L	Y	J	U	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.46	—	—	0.5	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.29	—	—	0.5	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.441	—	—	0.017	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.263	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	—	—	0.05	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0875	—	—	0.05	mg/L	Y	J	U	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.181	—	—	0.05	µg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0628	—	—	0.05	µg/L	Y	J	J	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.123	—	—	0.05	µg/L	Y	J	J+	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.122	—	—	0.05	µg/L	Y	J	J	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.27	—	—	0.05	µg/L	Y	—	NQ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00325	0.00726	0.0418	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00469	0.0729	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0048	0.0034	0.024	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	1.18E-10	0.0028	0.022	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0023	0.039	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00649	0.0112	0.0953	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0141	0.00811	0.0722	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0024	0.0064	0.046	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0099	0.0059	0.032	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00233	0.0033	0.038	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.44	—	—	0.05	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.95	—	—	0.05	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.12	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	7.4	—	—	0.05	mg/L	Y	E	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.1	16.9	66.4	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.74	15.9	62	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.01	20	74	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.2	19	69	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.9	26	36	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	6.39	—	—	0.0914	µg/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	09/20/13	WS	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	41.2	—	—	2.2	µg/L	Y	—	NQ	2013-2063	CAWA-13-42031	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.63	—	—	0.0847	µg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	9.3	—	—	0.0909	µg/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	7.21	—	—	0.1	µg/L	Y	—	NQ	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	25.1	—	—	0.053	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	27.9	—	—	0.053	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	35.6	—	—	0.053	mg/L	Y	N	J+	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.9	—	—	0.053	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	36.2	—	—	0.053	mg/L	Y	—	NQ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.8	—	—	0.1	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.7	—	—	0.1	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.492	1.66	6.61	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.65	1.31	5.33	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.94	1.6	6.1	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.35	1.6	6.1	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.1	1.1	4.1	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	1	µS/cm	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	282	—	—	1	µS/cm	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	432	—	—	1	µS/cm	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µS/cm	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	266	—	—	1	µS/cm	Y	—	NQ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	141	—	—	1	µg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	193	—	—	1	µg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	186	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	338	—	—	1	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	415	—	—	1	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00202	0.0465	0.159	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	1.32	0.193	0.489	—	pCi/L	Y	—	J	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.703	0.17	0.49	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.362	0.15	0.47	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.125	0.12	0.42	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.78	—	—	0.133	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.56	—	—	0.133	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.7	—	—	0.1	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.04	—	—	0.1	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.6	—	—	0.1	mg/L	N	—	NQ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.6	—	—	0.1	mg/L	Y	—	NQ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	288	—	—	4.8	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	2.4	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	10/15/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	168	—	—	2.4	mg/L	Y	—	NQ	10-148	CAWA-09-13678	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.303	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.49	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.648	—	—	0.035	mg/L	Y	—	J	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.072	—	—	0.033	mg/L	Y	J	J	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.097	—	—	0.033	mg/L	Y	J	U	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.15	—	—	0.33	mg/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.31	—	—	0.33	mg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	12.2	—	—	0.66	mg/L	Y	—	NQ	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.21	—	—	0.33	mg/L	Y	—	NQ	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.12	—	—	0.33	mg/L	Y	—	NQ	10-148	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.083	—	—	0.067	µg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.147	—	—	0.067	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.22	—	—	0.067	µg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.32	—	—	0.067	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.01	—	—	0.067	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0273	0.0158	0.0502	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.705	0.0655	0.147	—	pCi/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.315	0.054	0.11	—	pCi/L	Y	—	J+	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.028	0.0098	0.065	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.112	0.02	0.087	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0075	0.0075	0.0479	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.033	0.0256	0.0529	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0145	0.015	0.077	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00301	0.0052	0.033	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00718	0.0073	0.044	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0606	0.0177	0.0469	—	pCi/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.791	0.0659	0.0929	—	pCi/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.323	0.051	0.092	—	pCi/L	Y	—	J+	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0194	0.0092	0.029	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	10/15/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.051	0.012	0.053	—	pCi/L	Y	U	U	10-149	CAWA-09-13680	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.11	—	—	1	µg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.38	—	—	1	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.07	—	—	1	µg/L	Y	J	J	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.72	—	—	1	µg/L	Y	J	J	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	11-3633	CAWA-11-27045	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.01	—	—	0.01	SU	Y	H	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.13	—	—	0.01	SU	Y	H	J-	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.78	—	—	0.01	SU	Y	H	J-	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.94	—	—	0.01	SU	Y	H	J-	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.71	—	—	0.01	SU	Y	H	J-	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.71	—	—	0.01	SU	Y	H	J-	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1	—	—	0.725	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.1	—	—	0.725	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.5	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.7	—	—	0.73	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.9	—	—	0.73	mg/L	Y	—	NQ	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.4	—	—	0.73	mg/L	Y	—	NQ	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.8	—	—	0.73	mg/L	Y	—	NQ	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	0.73	mg/L	Y	—	NQ	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	705	—	—	68	µg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	168	—	—	68	µg/L	Y	J	U	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	354	—	—	68	µg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	165	—	—	68	µg/L	Y	J	J	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	1.28E-09	0.00726	0.0514	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00558	0.00683	0.0533	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00114	0.0031	0.033	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00469	0.0034	0.048	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0008	0.013	0.032	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00123	0.00232	0.0311	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0331	—	—	0.017	mg/L	Y	J	J	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.13	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.018	—	—	0.016	mg/L	Y	J	U	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.043	—	—	0.016	mg/L	Y	J	U	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.036	—	—	0.016	mg/L	Y	J	U	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2920	—	—	1	µg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	4740	—	—	1	µg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	4510	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	4390	—	—	1	µg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3870	—	—	1	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.6	—	—	0.05	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	32.6	—	—	0.05	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28.3	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28.8	—	—	0.05	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.5	—	—	0.05	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.88	1.49	4.83	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.935	1.19	4.29	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.71	1.6	5.6	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.186	1.3	4.2	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.13	1.3	4.2	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.61	1.35	3.85	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.1	—	—	0.134	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.7	—	—	0.335	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	27.8	—	—	0.33	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.7	—	—	0.066	mg/L	N	—	J+	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.7	—	—	0.066	mg/L	N	—	J+	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	10/09/09	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.7	—	—	0.066	mg/L	Y	—	NQ	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	RE	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.7	—	—	0.066	mg/L	Y	—	NQ	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.5	—	—	0.13	mg/L	Y	—	NQ	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.9	—	—	0.13	mg/L	Y	—	NQ	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.68	—	—	2	µg/L	Y	J	J	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.27	—	—	2	µg/L	Y	J	J	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.28	1.45	4.64	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.772	1.14	3.97	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.982	1.5	4.5	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.4	1.7	4.1	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.65	1.5	4.5	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.699	1.32	4.59	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.163	—	—	0.033	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.239	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.247	—	—	0.033	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	—	0.033	mg/L	N	—	R	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.37	—	—	0.033	mg/L	N	—	R	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	10/09/09	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	RE	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0999	0.569	2.65	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.62	1.27	2	—	pCi/L	Y	—	J	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	01/20/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.62	0.77	2	—	pCi/L	Y	U	U	12-634	CAWA-12-1938	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.54	0.65	1.9	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.383	0.35	1.2	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.53	1.83	3.55	—	pCi/L	Y	—	J	196688	GU07100CDV5602	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.56	1.53	3.31	—	pCi/L	Y	—	J	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.32	0.503	1.58	—	pCi/L	Y	—	NQ	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.78	1.07	2.94	—	pCi/L	Y	—	J	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	01/20/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.76	1	2.2	—	pCi/L	Y	—	NQ	12-634	CAWA-12-1938	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.11	1.2	3.1	—	pCi/L	Y	—	NQ	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.82	1.3	3.8	—	pCi/L	Y	—	NQ	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.62	1.38	3.55	—	pCi/L	Y	—	J	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63	—	—	0.453	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	115	—	—	0.453	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	100	—	—	0.453	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	104	—	—	0.453	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	95.6	—	—	0.45	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.0977	—	—	0.0884	µg/L	Y	J	J	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.269	—	—	0.086	µg/L	Y	U	U	2013-1816	CAWA-13-40703	GELC
CDV-16-02656	3	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.273	—	—	0.0874	µg/L	Y	U	U	2013-682	CAWA-13-28823	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.287	—	—	0.092	µg/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	01/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.325	—	—	0.1	µg/L	Y	U	U	12-634	CAWA-12-1938	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	452	—	—	30	µg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	36.8	—	—	30	µg/L	Y	J	J	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	72.5	—	—	30	µg/L	Y	J	J	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	157	—	—	30	µg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	134	—	—	30	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.6	—	—	0.11	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.28	—	—	0.11	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.24	—	—	0.11	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.78	—	—	0.11	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.14	—	—	0.11	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.1	—	—	2	µg/L	Y	J	J	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.63	—	—	2	µg/L	Y	J	J	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.9	—	—	2	µg/L	Y	J	J	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.853	—	—	0.165	µg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.93	—	—	0.165	µg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.5	—	—	0.165	µg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.64	—	—	0.165	µg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.17	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.63	2.8	9.72	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.69	2.33	8.29	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-27.5	11	32	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.25	10	35	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.38	5.8	19	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-7.93	10.8	31	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.35	—	—	0.5	µg/L	Y	J	J	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.48	—	—	0.5	µg/L	Y	J	J	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.32	—	—	0.5	µg/L	Y	J	U	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.32	—	—	0.5	µg/L	Y	J	J	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.785	—	—	0.5	µg/L	Y	J	J	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	—	0.085	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.104	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0936	—	—	0.01	mg/L	Y	—	J+	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.272	—	—	0.05	mg/L	Y	—	U	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.256	—	—	0.05	mg/L	Y	—	U	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0221	—	—	0.01	mg/L	Y	J	J	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.18	—	—	0.05	mg/L	Y	J	J	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.571	—	—	0.05	µg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.174	—	—	0.05	µg/L	Y	J	J	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.419	—	—	0.05	µg/L	Y	—	NQ	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.407	—	—	0.05	µg/L	Y	—	NQ	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.416	—	—	0.05	µg/L	Y	—	J	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.391	—	—	0.05	µg/L	Y	—	J	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00413	0.0109	0.0532	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00265	0.00265	0.0413	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00437	0.01	0.036	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.006	0.0082	0.033	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00754	0.0046	0.029	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00711	0.0358	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00825	0.0101	0.121	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.00593	0.0409	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00437	0.0054	0.036	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.002	0.0035	0.033	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00188	0.0033	0.032	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00205	0.00356	0.0337	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.16	—	—	0.05	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.09	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.63	—	—	0.05	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.55	—	—	0.05	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.94	17.1	66.6	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-44.1	16.4	44.8	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-44.4	18	51	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	10.9	16	58	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.3	17	34	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	28.5	17.7	32.6	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.477	—	—	0.0884	µg/L	Y	Q	NQ	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.269	—	—	0.086	µg/L	Y	U	U	2013-1816	CAWA-13-40703	GELC
CDV-16-02656	3	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.273	—	—	0.0874	µg/L	Y	U	U	2013-682	CAWA-13-28823	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.264	—	—	0.092	µg/L	Y	J	J	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	01/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	12-634	CAWA-12-1938	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	32.3	—	—	0.053	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	28.1	—	—	0.053	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	27.7	—	—	0.053	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	39.1	—	—	0.053	mg/L	Y	—	NQ	10-99	CAWA-09-13774	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	39.4	—	—	0.053	mg/L	Y	—	NQ	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	34.4	—	—	0.032	mg/L	Y	—	NQ	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	34.7	—	—	0.032	mg/L	Y	—	NQ	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.1	—	—	0.1	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.5	—	—	0.1	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.2	—	—	0.1	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.6	—	—	0.1	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0188	1.15	3.9	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.45	1.03	3.43	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.911	1.3	3.9	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.207	1.5	4.8	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.68	1.4	3.9	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.95	1.37	5.15	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	1	µS/cm	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	309	—	—	1	µS/cm	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	298	—	—	1	µS/cm	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219	—	—	1	µS/cm	Y	—	NQ	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µS/cm	Y	—	NQ	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µS/cm	Y	—	NQ	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	130	—	—	1	µg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	248	—	—	1	µg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	220	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	224	—	—	1	µg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	201	—	—	1	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0273	0.049	0.171	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.349	0.149	0.479	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0913	0.12	0.4	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0435	0.11	0.38	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.13	0.42	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.484	0.171	0.499	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.64	—	—	0.133	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10	—	—	0.133	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.13	—	—	0.1	mg/L	N	—	J	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.13	—	—	0.1	mg/L	N	—	J	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	10/09/09	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.13	—	—	0.1	mg/L	Y	—	NQ	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	RE	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.13	—	—	0.1	mg/L	Y	—	NQ	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.07	—	—	0.1	mg/L	Y	—	NQ	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.05	—	—	0.1	mg/L	Y	—	NQ	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	142	—	—	2.4	mg/L	Y	—	NQ	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	132	—	—	2.4	mg/L	Y	—	NQ	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	172	—	—	2.4	mg/L	Y	—	NQ	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	148	—	—	2.4	mg/L	Y	—	NQ	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.93	—	—	0.33	mg/L	Y	—	NQ	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	03/28/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.34	—	—	0.33	mg/L	Y	—	NQ	2013-682	CAWA-13-28823	GELC
CDV-16-02656	3	01/20/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.73	—	—	0.33	mg/L	Y	—	NQ	12-634	CAWA-12-1938	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.82	—	—	0.33	mg/L	Y	—	NQ	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.81	—	—	0.33	mg/L	Y	—	NQ	10-99	CAWA-09-13785	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	03/30/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.21	—	—	0.33	mg/L	Y	—	NQ	09-1326	CAWA-09-5549	GELC
CDV-16-02656	3	03/30/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.22	—	—	0.33	mg/L	Y	—	NQ	09-1326	CAWA-09-5551	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0528	—	—	0.017	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0881	—	—	0.015	mg/L	Y	—	U	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.042	—	—	0.015	mg/L	Y	J	U	10-99	CAWA-09-13774	GELC
CDV-16-02656	3	10/09/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.034	—	—	0.015	mg/L	Y	J	U	10-99	CAWA-09-13786	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.065	—	—	0.015	mg/L	Y	—	U	09-1327	CAWA-09-5548	GELC
CDV-16-02656	3	03/30/09	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.045	—	—	0.015	mg/L	Y	J	U	09-1327	CAWA-09-5552	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0119	0.00792	0.0328	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0665	0.0184	0.0764	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0214	0.011	0.13	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0489	0.014	0.12	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0207	0.013	0.066	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0847	0.0148	0.0581	—	pCi/L	Y	—	J	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0049	0.006	0.0313	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00686	0.00686	0.0274	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0043	0.063	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.004	0.059	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0033	0.035	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0199	0.00714	0.0345	—	pCi/L	Y	U	U	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0317	0.00886	0.0307	—	pCi/L	Y	—	NQ	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0888	0.0171	0.0482	—	pCi/L	Y	—	NQ	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0349	0.013	0.077	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0292	0.012	0.072	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0283	0.0099	0.037	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	10/29/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0544	0.0127	0.0387	—	pCi/L	Y	—	J	196688	GU07100CDV5601	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.42	—	—	3.3	µg/L	Y	J	J	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.39	—	—	3.3	µg/L	Y	J	J	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-634	CAWA-12-1937	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.93	—	—	0.01	SU	Y	H	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.88	—	—	0.01	SU	Y	H	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.78	—	—	0.01	SU	Y	H	J-	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.89	—	—	0.01	SU	Y	H	J-	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.77	—	—	0.01	SU	Y	H	J-	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.6	—	—	0.725	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	103	—	—	0.725	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	145	—	—	0.73	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	209	—	—	0.73	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.9	—	—	0.73	mg/L	Y	—	NQ	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	72.4	—	—	68	µg/L	Y	J	J	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	89.2	—	—	68	µg/L	Y	J	J	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	110	—	—	68	µg/L	Y	J	J	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	73.6	—	—	68	µg/L	Y	J	J	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0104	0.00634	0.0518	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00784	0.0039	0.039	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00177	0.0031	0.03	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0161	0.0058	0.038	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0228	0.01	0.049	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.73	—	—	0.0856	µg/L	Y	—	NQ	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	09/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	4.15	—	—	0.087	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.51	—	—	0.0941	µg/L	Y	—	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.63	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17540	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.41	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.43	—	—	0.1	µg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.997	—	—	0.0856	µg/L	Y	—	NQ	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	09/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.68	—	—	0.087	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.15	—	—	0.0941	µg/L	Y	Q	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.25	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17540	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.14	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.09	—	—	0.1	µg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0349	—	—	0.017	mg/L	Y	J	J	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.041	—	—	0.016	mg/L	Y	J	J	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0687	—	—	0.016	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.051	—	—	0.016	mg/L	Y	—	U	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	5350	—	—	1	µg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	7440	—	—	1	µg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	6730	—	—	1	µg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9120	—	—	1	µg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	8900	—	—	1	µg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8980	—	—	1	µg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.1	—	—	15	µg/L	Y	J	J	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	68.7	—	—	15	µg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	33.2	—	—	15	µg/L	Y	J	J	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	57.6	—	—	15	µg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	55.4	—	—	15	µg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	35.3	—	—	15	µg/L	Y	J	J	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.2	—	—	0.05	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	30.6	—	—	0.05	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	29	—	—	0.05	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	36	—	—	0.05	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	35.2	—	—	0.05	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	37.6	—	—	0.05	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0651	1.36	4.99	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.66	2.1	5.9	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.9	1.6	5.6	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.549	1.5	5.2	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.65	1.5	4.7	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20	—	—	0.335	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.4	—	—	0.134	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.7	—	—	0.33	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.6	—	—	0.13	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.9	—	—	0.066	mg/L	Y	—	NQ	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.42	1.47	5.93	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.919	1.6	5.7	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.433	1.5	5.2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.44	1.5	4.3	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.9	1.7	5.2	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.208	—	—	0.033	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.188	—	—	0.033	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.172	—	—	0.033	mg/L	Y	—	NQ	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.65	0.674	1.97	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.39	0.73	2	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.1	1.1	2.1	—	pCi/L	Y	—	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.77	1.1	2.6	—	pCi/L	Y	—	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0574	0.75	3	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.405	0.613	2.04	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.29	1.1	2	—	pCi/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.07	1.4	2.6	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.95	1.1	2.4	—	pCi/L	Y	—	NQ	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.46	1.1	3.2	—	pCi/L	Y	—	NQ	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.4	—	—	0.453	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	111	—	—	0.453	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	106	—	—	0.453	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	132	—	—	0.453	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	129	—	—	0.453	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	136	—	—	0.45	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.2	—	—	0.0856	µg/L	Y	—	NQ	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	09/20/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	44.3	—	—	2.17	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.73	—	—	0.0941	µg/L	Y	Q	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	12	—	—	0.193	µg/L	Y	—	NQ	12-1445	CAWA-12-17540	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	13.4	—	—	0.193	µg/L	Y	—	NQ	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	6.72	—	—	0.1	µg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.04	—	—	0.11	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.33	—	—	0.11	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.12	—	—	0.11	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	10.2	—	—	0.11	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	9.99	—	—	0.11	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	10.3	—	—	0.11	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.563	—	—	0.165	µg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.33	—	—	0.165	µg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.165	µg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.165	µg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.165	µg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.17	µg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.11	3.23	10.2	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.86	2.8	9.8	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	8.39	3.5	13	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.49	2.6	7.7	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0403	12	38	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.901	—	—	0.5	µg/L	Y	J	J	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.63	—	—	0.5	µg/L	Y	J	J	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.32	—	—	0.5	µg/L	Y	J	U	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.938	—	—	0.5	µg/L	Y	J	J	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.933	—	—	0.5	µg/L	Y	J	J	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.992	—	—	0.5	µg/L	Y	J	J	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.282	—	—	0.017	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.104	—	—	0.017	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0289	—	—	0.01	mg/L	Y	J	J+	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.131	—	—	0.05	mg/L	Y	J	J	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.141	—	—	0.05	µg/L	Y	J	J	2014-2970	CAWA-14-54757	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0791	—	—	0.05	µg/L	Y	J	J+	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	10/07/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0832	—	—	0.05	µg/L	Y	J	J	10-76	CAWA-09-13796	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00301	0.00674	0.0388	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00233	0.0077	0.038	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00871	0.0062	0.038	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00198	0.002	0.022	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00387	0.0095	0.032	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00602	0.00738	0.0884	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00233	0.0052	0.03	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00218	0.0038	0.037	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-2.35E-10	0.0028	0.032	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00773	0.0055	0.031	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.51	—	—	0.05	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.01	—	—	0.05	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.98	—	—	0.05	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.13	—	—	0.05	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	5.03	—	—	0.05	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.65	—	—	0.05	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.55	18.3	41.4	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.5	20	80	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.19	20	66	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.7	17	55	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.72	18	63	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	5.39	—	—	0.0856	µg/L	Y	—	NQ	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	09/20/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	15.1	—	—	2.17	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.79	—	—	0.0941	µg/L	Y	—	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	8.49	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17540	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	8.46	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.63	—	—	0.1	µg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	27.9	—	—	0.053	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	29.8	—	—	0.053	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	30.3	—	—	0.053	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	39.5	—	—	0.053	mg/L	Y	N	J+	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.6	—	—	0.053	mg/L	Y	—	NQ	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.8	—	—	0.1	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.2	—	—	0.1	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.5	—	—	0.1	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.2	—	—	0.1	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.4	—	—	0.1	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.56	1.67	4.48	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.64	1.5	6.6	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.01	1.6	4.9	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.73	1.5	4.5	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.28	1.6	4.8	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	270	—	—	1	µS/cm	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	298	—	—	1	µS/cm	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	366	—	—	1	µS/cm	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	474	—	—	1	µS/cm	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	281	—	—	1	µS/cm	Y	—	NQ	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	186	—	—	1	µg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	251	—	—	1	µg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	231	—	—	1	µg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	303	—	—	1	µg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	297	—	—	1	µg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	298	—	—	1	µg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.292	0.151	0.492	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.231	0.11	0.48	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0759	0.14	0.49	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.295	0.15	0.47	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.299	0.13	0.43	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.8	—	—	0.133	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.44	—	—	0.133	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.04	—	—	0.1	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.32	—	—	0.1	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.45	—	—	0.1	mg/L	Y	—	NQ	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	219	—	—	3.4	mg/L	Y	—	J	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	291	—	—	3.4	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	2.4	mg/L	Y	—	NQ	10-4510	CAWA-10-25736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.186	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.125	—	—	0.033	mg/L	Y	—	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0786	—	—	0.035	mg/L	Y	J	J	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-3632	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.158	—	—	0.033	mg/L	Y	—	NQ	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.93	—	—	0.33	mg/L	Y	—	NQ	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.98	—	—	0.33	mg/L	Y	—	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.75	—	—	0.33	mg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	6.6	—	—	0.33	mg/L	Y	—	NQ	11-3632	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.65	—	—	0.33	mg/L	Y	—	NQ	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0421	0.0134	0.0537	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.152	0.028	0.051	—	pCi/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.198	0.031	0.067	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0182	0.0076	0.065	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0219	0.0096	0.08	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.004	0.00895	0.0512	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00414	0.0093	0.045	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00456	0.0079	0.048	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.009	0.0067	0.033	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0084	0.0074	0.041	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0227	0.0107	0.0502	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.025	0.043	—	pCi/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.151	0.028	0.058	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0267	0.0083	0.029	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0113	0.0082	0.049	—	pCi/L	Y	U	U	10-76	CAWA-09-13798	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.04	—	—	0.01	SU	Y	H	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.05	—	—	0.01	SU	Y	H	J-	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.16	—	—	0.01	SU	Y	H	J-	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.24	—	—	0.01	SU	Y	H	J-	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	—	0.725	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.2	—	—	0.73	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.2	—	—	0.73	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	0.73	mg/L	Y	—	NQ	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00894	0.00666	0.0596	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00879	0.00507	0.056	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00431	0.0037	0.036	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00244	0.0084	0.039	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00285	0.0019	0.037	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00477	0.0027	0.037	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.203	—	—	0.0833	µg/L	Y	J	J	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.228	—	—	0.0851	µg/L	Y	J	J	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.22	—	—	0.0874	µg/L	Y	J	J	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.191	—	—	0.0899	µg/L	Y	J	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.214	—	—	0.1	µg/L	Y	J	J	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.0841	—	—	0.0833	µg/L	Y	J	J	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.114	—	—	0.0851	µg/L	Y	J	J	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.109	—	—	0.0874	µg/L	Y	J	J	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.104	—	—	0.0899	µg/L	Y	J	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.146	—	—	0.1	µg/L	Y	J	J	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.5	—	—	1	µg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.3	—	—	1	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.5	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.3	—	—	1	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.6	—	—	1	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	61.7	—	—	15	µg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	64.7	—	—	15	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	63.4	—	—	15	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	62.7	—	—	15	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	64.5	—	—	15	µg/L	Y	—	J+	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.22	1.67	5.72	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.695	1.49	5.57	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.88	1.7	5.9	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-5.03	1.8	4.9	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.43	1.7	5.1	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.468	1.4	4.8	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.17	—	—	0.067	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.44	—	—	0.067	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.96	—	—	0.066	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.23	—	—	0.066	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.82	—	—	0.066	mg/L	Y	—	NQ	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.26	1.72	5.14	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.18	1.39	4.06	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.29	1.6	3.8	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0893	1.6	5.2	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.808	1.5	4.4	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.82	1.6	4.4	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	8.88	—	—	3	µg/L	Y	J	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	5.77	—	—	3	µg/L	Y	J	J	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	7.71	—	—	3	µg/L	Y	J	J	2013-682	CAWA-13-28851	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	9.56	—	—	3	µg/L	Y	J	U	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	10.1	—	—	3	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.068	—	—	0.033	mg/L	Y	J	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.127	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.105	—	—	0.033	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.117	—	—	0.033	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0983	—	—	0.033	mg/L	Y	J	J	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.992	0.728	2.28	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.67	0.917	1.9	—	pCi/L	Y	—	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0306	0.48	2.3	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.491	0.57	2.3	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.12	0.66	2.1	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	2.81	0.93	2.6	—	pCi/L	Y	—	NQ	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.9	0.445	1.34	—	pCi/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.47	0.894	2.81	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.18	0.86	2.6	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.45	0.87	2.8	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.116	0.53	2	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.9	0.83	2.5	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.4	—	—	0.453	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.8	—	—	0.453	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.5	—	—	0.453	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.9	—	—	0.453	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.4	—	—	0.45	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.66	—	—	0.0833	µg/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.56	—	—	0.0851	µg/L	Y	—	NQ	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.46	—	—	0.0874	µg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.35	—	—	0.0899	µg/L	Y	—	NQ	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.57	—	—	0.1	µg/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.64	—	—	0.11	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.64	—	—	0.11	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.68	—	—	0.11	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.72	—	—	0.11	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.73	—	—	0.11	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.64	—	—	2	µg/L	Y	J	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.37	—	—	2	µg/L	Y	J	J	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.48	—	—	2	µg/L	Y	J	J	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.861	—	—	0.165	µg/L	Y	—	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.771	—	—	0.165	µg/L	Y	—	U	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.817	—	—	0.165	µg/L	Y	—	U	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.811	—	—	0.165	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.918	—	—	0.17	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.37	2.62	9.44	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.58	3.35	11.9	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.82	3.5	10	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.45	3.4	12	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.32	7.4	24	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.03	12	39	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.75	—	—	0.5	µg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.81	—	—	0.5	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.23	—	—	0.5	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.91	—	—	0.5	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.82	—	—	0.5	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.886	—	—	0.017	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.879	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.845	—	—	0.05	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.845	—	—	0.05	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.842	—	—	0.1	mg/L	Y	—	J	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.505	—	—	0.05	µg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.528	—	—	0.05	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.577	—	—	0.05	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.52	—	—	0.05	µg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.501	—	—	0.05	µg/L	Y	—	NQ	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00828	0.00828	0.0533	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00466	0.0513	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0083	0.02	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00923	0.0057	0.025	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00614	0.0074	0.034	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0032	0.037	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0124	0.00925	0.122	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0165	0.00872	0.0508	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00391	0.0034	0.037	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0118	0.01	0.038	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00409	0.0029	0.034	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0045	0.037	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.39	—	—	0.05	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.34	—	—	0.05	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.48	—	—	0.05	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.33	—	—	0.05	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.42	21.7	83.4	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.7	15.7	58.7	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.5	20	71	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.29	25	80	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.4	16	59	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-62.6	19	50	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	23.2	—	—	0.417	µg/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	22.2	—	—	0.426	µg/L	Y	—	NQ	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	27.9	—	—	0.437	µg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	29.7	—	—	0.449	µg/L	Y	—	NQ	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	29.2	—	—	0.52	µg/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.9	—	—	0.053	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.5	—	—	0.053	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.6	—	—	0.053	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.8	—	—	0.053	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.6	—	—	0.053	mg/L	Y	—	NQ	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	J	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.458	1.46	5.87	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.01	1.02	4.92	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.555	1.8	6	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.72	1.7	4.8	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.128	1.6	5.2	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.176	1.5	4.9	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	1	µS/cm	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	167	—	—	1	µS/cm	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.8	—	—	1	µg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.8	—	—	1	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	95.1	—	—	1	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.5	—	—	1	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0984	0.123	0.475	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.383	0.13	0.414	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.073	0.13	0.49	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.254	0.15	0.49	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00563	0.12	0.39	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.111	0.088	0.35	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.93	—	—	0.133	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.7	—	—	0.133	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.67	—	—	0.1	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.28	—	—	0.1	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.87	—	—	0.1	mg/L	Y	—	NQ	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	2.4	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	2.4	mg/L	Y	—	NQ	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.15	—	—	0.33	mg/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.13	—	—	0.33	mg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.32	—	—	0.33	mg/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.15	—	—	0.33	mg/L	Y	—	NQ	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.921	—	—	0.33	mg/L	Y	J	J	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0774	—	—	0.017	mg/L	Y	—	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0537	—	—	0.015	mg/L	Y	—	U	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0247	—	—	0.015	mg/L	Y	J	J	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.069	—	—	0.015	mg/L	Y	—	U	10-4557	CAWA-10-25806	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.473	—	—	0.067	µg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.418	—	—	0.067	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.458	—	—	0.067	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.547	—	—	0.067	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.6	—	—	0.067	µg/L	Y	—	J	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.372	0.0379	0.0576	—	pCi/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.459	0.0417	0.0912	—	pCi/L	Y	—	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.46	0.045	0.034	—	pCi/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.396	0.041	0.058	—	pCi/L	Y	—	NQ	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.522	0.057	0.12	—	pCi/L	Y	—	NQ	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.467	0.054	0.13	—	pCi/L	Y	—	NQ	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0258	0.0122	0.055	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00819	0.00579	0.0328	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.025	0.0088	0.025	—	pCi/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0107	0.0054	0.029	—	pCi/L	Y	U	U	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0199	0.009	0.059	—	pCi/L	Y	U	U	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00879	0.011	0.065	—	pCi/L	Y	U	U	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.132	0.0225	0.0538	—	pCi/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.176	0.0267	0.0575	—	pCi/L	Y	—	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.172	0.022	0.039	—	pCi/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	09/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.184	0.024	0.026	—	pCi/L	Y	—	NQ	10-4557	CAWA-10-25807	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.277	0.036	0.071	—	pCi/L	Y	—	NQ	10-133	CAWA-09-14137	GELC
CdV-16-1(i)	624	10/14/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.217	0.032	0.079	—	pCi/L	Y	—	NQ	10-133	CAWA-09-14141	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.96	—	—	1	µg/L	Y	J	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.59	—	—	1	µg/L	Y	J	J	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.74	—	—	1	µg/L	Y	J	J	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.82	—	—	1	µg/L	Y	J	J	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.88	—	—	1	µg/L	Y	J	J	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	22.5	—	—	3.3	µg/L	Y	—	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	44.2	—	—	3.3	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	11.5	—	—	3.3	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.92	—	—	3.3	µg/L	Y	J	J	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	26.2	—	—	3.3	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.34	—	—	0.01	SU	Y	H	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.35	—	—	0.01	SU	Y	H	J-	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.31	—	—	0.01	SU	Y	H	J-	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	0.01	SU	Y	H	J-	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.37	—	—	0.01	SU	Y	H	J-	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.3	—	—	0.01	SU	Y	H	J-	11-1850	CAWA-11-5329	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.9	—	—	0.725	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.725	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.725	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51	—	—	0.73	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.73	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.2	—	—	0.73	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.7	—	—	0.73	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.8	—	—	0.73	mg/L	Y	—	NQ	11-1850	CAWA-11-5329	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0142	0.00669	0.0473	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00737	0.0043	0.048	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00698	0.0052	0.046	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0191	0.0058	0.029	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00548	0.0041	0.031	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00153	0.0025	0.036	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00532	0.0035	0.042	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00214	0.0036	0.064	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00621	0.0048	0.043	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.103	—	—	0.086	µg/L	Y	J	J	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.117	—	—	0.0842	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.26	—	—	0.0833	µg/L	Y	U	U	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.267	—	—	0.0856	µg/L	Y	U	U	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.287	—	—	0.092	µg/L	Y	U	U	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.4	—	—	1	µg/L	Y	J	J	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.45	—	—	1	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	1.95	—	—	1	µg/L	Y	J	J	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.01	—	—	1	µg/L	Y	J	J	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.66	—	—	1	µg/L	Y	J	J	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.46	—	—	1	µg/L	Y	J	J	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.49	—	—	1	µg/L	Y	J	J	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.4	—	—	15	µg/L	Y	J	J	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.1	—	—	15	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.2	—	—	15	µg/L	Y	J	J	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	24.5	—	—	15	µg/L	Y	J	J	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.9	—	—	15	µg/L	Y	J	J	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.8	—	—	15	µg/L	Y	J	J	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	23.9	—	—	15	µg/L	Y	J	J	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.84	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.34	1.47	5.76	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.68	2	6.5	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.254	1.6	5.9	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.624	1.4	4.8	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.02	1.3	4.9	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.32	1.2	4.5	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.59	1.5	4.7	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.56	1.7	4.9	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.814	1.4	4.7	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	—	—	0.067	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.78	—	—	0.067	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.76	—	—	0.067	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.48	—	—	0.066	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.066	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.24	—	—	0.066	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.24	—	—	0.066	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.066	mg/L	Y	—	NQ	11-1850	CAWA-11-5329	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.5	1.46	6.02	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.402	1.8	7.3	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.834	1.5	6.3	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.93	1.5	5.7	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.14	1.3	3.7	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.27	1.4	5	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.712	1.5	5.1	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.9	1.2	4.5	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.65	1.4	5.1	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.131	—	—	0.033	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.179	—	—	0.033	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.192	—	—	0.033	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.192	—	—	0.033	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	11-1850	CAWA-11-5329	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.48	0.68	2.95	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.613	0.51	1.7	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.534	0.45	1.5	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.401	0.46	1.8	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.92	0.61	2	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.314	0.38	2.3	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.22	0.73	2.2	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.267	0.73	2.9	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.627	0.49	2.8	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.000673	0.312	1.06	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.6	0.73	2.2	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.298	0.53	2	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.5	0.73	2.3	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.96	0.72	2.1	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.08	0.77	2.6	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.2	0.84	2.8	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.798	0.83	2.9	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.64	0.93	2.2	—	pCi/L	Y	—	NQ	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.6	—	—	0.453	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.7	—	—	0.453	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.8	—	—	0.453	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	—	0.453	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.5	—	—	0.453	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.1	—	—	0.45	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35	—	—	0.45	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.76	—	—	0.086	µg/L	Y	—	NQ	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.535	—	—	0.0842	µg/L	Y	—	NQ	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.604	—	—	0.0833	µg/L	Y	—	NQ	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.542	—	—	0.0856	µg/L	Y	—	NQ	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.472	—	—	0.092	µg/L	Y	—	NQ	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.509	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.526	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.62	—	—	0.11	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.67	—	—	0.11	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.84	—	—	0.11	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.89	—	—	0.11	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.69	—	—	0.11	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.61	—	—	0.11	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.53	—	—	0.11	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.62	—	—	0.3	µg/L	Y	J	J	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.61	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.64	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.61	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.49	—	—	0.3	µg/L	Y	J	J	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.4	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.41	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.83	2.73	8.96	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.943	3.1	11	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.63	3.1	10	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.17	3	11	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.01	2.7	8.2	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.21	2.5	7.5	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.79	3.5	11	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.25	11	37	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-10.4	12	38	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.553	—	—	0.5	µg/L	Y	J	J	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.8	—	—	0.5	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.13	—	—	0.5	µg/L	Y	J	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	1.48	—	—	0.5	µg/L	Y	J	U	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.647	—	—	0.5	µg/L	Y	J	U	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.735	—	—	0.017	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.632	—	—	0.017	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.631	—	—	0.017	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.595	—	—	0.05	mg/L	Y	—	J+	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.59	—	—	0.05	mg/L	Y	—	J+	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.57	—	—	0.05	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.565	—	—	0.05	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.605	—	—	0.05	mg/L	Y	—	NQ	11-1850	CAWA-11-5329	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.299	—	—	0.05	µg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	—	0.05	µg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.292	—	—	0.05	µg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.278	—	—	0.05	µg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.289	—	—	0.05	µg/L	Y	—	NQ	11-1850	CAWA-11-5329	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00589	0.0299	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.003	0.035	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00187	0.0049	0.036	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-2.58E-10	0.0031	0.022	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00188	0.0033	0.019	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-1.9E-09	0.008	0.022	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00915	0.0088	0.02	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00452	0.0055	0.038	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00217	0.0022	0.036	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0144	0.00832	0.0513	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00425	0.0052	0.027	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00374	0.007	0.028	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00433	0.0043	0.041	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00188	0.0056	0.036	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00397	0.0049	0.032	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00366	0.0052	0.03	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00226	0.0093	0.037	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	5.17E-10	0.0053	0.035	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.218	—	—	0.05	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.348	—	—	0.05	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.403	—	—	0.05	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.378	—	—	0.05	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.332	—	—	0.05	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.543	—	—	0.05	mg/L	Y	—	J	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.494	—	—	0.05	mg/L	Y	—	J	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.79	20.2	80.4	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.6	19	75	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	29.1	20	84	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	34.2	20	45	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-6.17	16	52	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.6	16	59	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-14.1	24	83	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.8	16	49	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-5.82	18	61	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	76.9	—	—	2.15	µg/L	Y	—	NQ	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	94.5	—	—	2.11	µg/L	Y	—	NQ	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	91.9	—	—	1.67	µg/L	Y	—	NQ	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	90.7	—	—	1.71	µg/L	Y	—	NQ	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	76.9	—	—	1.15	µg/L	Y	—	NQ	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	80.3	—	—	1	µg/L	Y	—	NQ	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	82.3	—	—	1	µg/L	Y	—	NQ	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.4	—	—	0.053	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.5	—	—	0.053	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.4	—	—	0.053	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	E	NQ	11-1850	CAWA-11-5329	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.00729	1.31	4.43	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.8	1.6	5.2	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.97	1.8	5.8	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.762	1.5	4.6	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.13	1.4	5.1	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.54	1.2	3.4	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.457	1.4	4.7	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.07	1.6	5.6	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.63	1.5	4.4	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	11-1850	CAWA-11-5329	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	64.4	—	—	1	µg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.8	—	—	1	µg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66.5	—	—	1	µg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.4	—	—	1	µg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	64.4	—	—	1	µg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.6	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	61.1	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.358	0.121	0.492	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.133	0.13	0.49	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0599	0.14	0.49	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.095	0.13	0.51	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.416	0.17	0.51	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.216	0.097	0.46	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.441	0.16	0.47	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.261	0.13	0.44	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.321	0.13	0.42	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.48	—	—	0.133	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5	—	—	0.133	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.89	—	—	0.133	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.28	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.3	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.39	—	—	0.1	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.41	—	—	0.1	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.8	—	—	0.1	mg/L	Y	—	NQ	11-1850	CAWA-11-5329	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.81	—	—	0.3	µg/L	Y	J	J	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.92	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.67	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.8	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.53	—	—	0.3	µg/L	Y	J	J	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.59	—	—	0.3	µg/L	Y	J	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.57	—	—	0.3	µg/L	Y	J	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.67	—	—	0.3	µg/L	Y	—	NQ	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.85	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.81	—	—	0.3	µg/L	Y	—	NQ	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.63	—	—	0.3	µg/L	Y	—	NQ	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.01	—	—	0.3	µg/L	Y	—	NQ	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	2.32	—	—	0.25	µg/L	Y	—	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	Y	2.16	—	—	0.25	µg/L	Y	—	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	—	3.4	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	J	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	J	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	03/30/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	2.4	mg/L	Y	—	NQ	11-1850	CAWA-11-5329	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.565	—	—	0.033	mg/L	Y	—	NQ	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.18	mg/L	Y	U	U	11-3443	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.18	mg/L	Y	U	U	11-3443	CAWA-11-27104	GELC
CdV-16-2(i)r	850	03/30/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-1850	CAWA-11-5330	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.701	—	—	0.33	mg/L	Y	J	J	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.919	—	—	0.33	mg/L	Y	J	J	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.825	—	—	0.33	mg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.688	—	—	0.33	mg/L	Y	J	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.793	—	—	0.33	mg/L	Y	J	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-3443	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-3443	CAWA-11-27104	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	03/30/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.394	—	—	0.33	mg/L	Y	J	J	11-1850	CAWA-11-5330	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.57	—	—	0.3	µg/L	Y	J	J	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.57	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.45	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.39	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.44	—	—	0.3	µg/L	Y	J	J	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.38	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.35	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.302	—	—	0.067	µg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.305	—	—	0.067	µg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.302	—	—	0.067	µg/L	Y	—	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	N	0.29	—	—	0.067	µg/L	Y	—	U	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.27	—	—	0.067	µg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.283	—	—	0.067	µg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.28	—	—	0.067	µg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.182	0.0247	0.0479	—	pCi/L	Y	—	NQ	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.221	0.032	0.048	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.029	0.046	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.245	0.033	0.054	—	pCi/L	Y	—	NQ	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.179	0.027	0.049	—	pCi/L	Y	—	NQ	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.189	0.027	0.071	—	pCi/L	Y	—	NQ	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.176	0.024	0.063	—	pCi/L	Y	—	NQ	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.218	0.028	0.081	—	pCi/L	Y	—	NQ	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.217	0.026	0.068	—	pCi/L	Y	—	NQ	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0107	0.00799	0.0457	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00389	0.0067	0.042	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00375	0.0038	0.041	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00369	0.0064	0.039	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0165	0.0075	0.035	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0163	0.0098	0.036	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0144	0.0077	0.032	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0113	0.0057	0.041	—	pCi/L	Y	U	U	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00954	0.0059	0.035	—	pCi/L	Y	U	U	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0809	0.0168	0.0447	—	pCi/L	Y	—	NQ	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0975	0.019	0.041	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.128	0.022	0.039	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.113	0.02	0.047	—	pCi/L	Y	—	NQ	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0961	0.017	0.042	—	pCi/L	Y	—	NQ	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.147	0.023	0.031	—	pCi/L	Y	—	NQ	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.103	0.017	0.028	—	pCi/L	Y	—	NQ	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.134	0.021	0.049	—	pCi/L	Y	—	NQ	10-90	CAWA-09-14145	GELC
CdV-16-2(i)r	850	10/08/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.11	0.017	0.042	—	pCi/L	Y	—	NQ	10-90	CAWA-09-14144	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.03	—	—	1	µg/L	Y	J	J	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.01	—	—	1	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.31	—	—	1	µg/L	Y	J	J	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	15.8	—	—	3.3	µg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	17.8	—	—	3.3	µg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16	—	—	3.3	µg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16.8	—	—	3.3	µg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16.9	—	—	3.3	µg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.3	—	—	3.3	µg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.1	—	—	3.3	µg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	0.01	SU	Y	H	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.35	—	—	0.01	SU	Y	H	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.1	—	—	0.725	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.1	—	—	0.725	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.1	—	—	0.725	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.8	—	—	0.725	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.4	—	—	0.725	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00392	0.0048	0.0392	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0318	0.00973	0.0375	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00525	0.00525	0.0344	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-3.84E-10	0.00326	0.0416	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.000869	0.0029	0.03	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00171	0.0028	0.033	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.15	—	—	0.086	µg/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.27	—	—	0.0838	µg/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.41	—	—	0.0847	µg/L	Y	—	NQ	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2	—	—	0.0909	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.28	—	—	0.092	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.67	—	—	0.0816	µg/L	Y	—	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.59	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.07	—	—	1	µg/L	Y	J	J	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.96	—	—	1	µg/L	Y	J	J	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.2	—	—	1	µg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.03	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.31	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	N	3.74	—	—	1	µg/L	Y	J	U	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.34	—	—	1	µg/L	Y	J	J	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	63.7	—	—	15	µg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	63.5	—	—	15	µg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	66.9	—	—	15	µg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	65.5	—	—	15	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	67.7	—	—	15	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	74.2	—	—	15	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	75.6	—	—	15	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0832	—	—	0.067	mg/L	Y	J	J	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0836	—	—	0.067	mg/L	Y	J	J	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0796	—	—	0.067	mg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	7.94	3.61	6.13	—	pCi/L	Y	UI	R	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.68	2.09	5.81	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.496	1.64	5.2	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.87	1.89	6.31	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.28	1.9	6.9	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.76	2	6.5	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.51	—	—	0.067	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.51	—	—	0.067	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.67	—	—	0.067	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.58	—	—	0.067	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.59	—	—	0.067	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.7	—	—	0.067	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.46	—	—	0.067	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.421	1.51	6.19	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.95	1.92	7.79	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.86	1.29	5.08	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.75	1.66	6.77	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.955	2.2	7.7	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.311	1.1	3.6	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0875	—	—	0.033	mg/L	Y	J	J	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0911	—	—	0.033	mg/L	Y	J	J	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0921	—	—	0.033	mg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0856	—	—	0.033	mg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.465	0.651	2.6	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.418	0.436	2.66	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.465	0.463	1.78	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.842	0.563	1.82	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.077	0.64	2.7	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.18	0.95	2.5	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.48	0.773	2.45	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.35	0.404	1.17	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.937	0.686	2.31	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.149	0.759	2.81	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.459	0.72	2.6	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.62	0.95	2.7	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.6	—	—	0.453	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.8	—	—	0.453	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.9	—	—	0.453	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.3	—	—	0.453	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.2	—	—	0.453	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.94	—	—	0.086	µg/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.94	—	—	0.0838	µg/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.4	—	—	0.0847	µg/L	Y	—	NQ	2014-2709	CAWA-14-46038	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.59	—	—	0.0909	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.4	—	—	0.092	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.63	—	—	0.0816	µg/L	Y	—	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.01	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	33.9	—	—	30	µg/L	Y	J	J	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.01	—	—	0.11	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.01	—	—	0.11	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.31	—	—	0.11	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.35	—	—	0.11	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.63	—	—	0.3	µg/L	Y	HJ	J	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.79	—	—	0.3	µg/L	Y	HJ	J	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.61	—	—	0.3	µg/L	Y	J	J	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.57	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.52	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.59	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.8	—	—	0.3	µg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.05	3.08	11.3	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.22	3.69	13.4	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.162	2.52	8.74	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.31	3.12	11.3	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.71	3.5	11	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2	2.2	7.6	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.902	—	—	0.017	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.017	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.953	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.833	—	—	0.017	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.842	—	—	0.017	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.867	—	—	0.017	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.824	—	—	0.017	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	—	0.05	µg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	—	0.05	µg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.05	µg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.378	—	—	0.05	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.353	—	—	0.05	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.373	—	—	0.05	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0063	0.0406	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00896	0.00668	0.0385	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00589	0.0379	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00901	0.0065	0.031	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00913	0.0045	0.023	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00218	0.0038	0.024	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0189	0.0118	0.0924	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00597	0.00597	0.0877	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00294	0.00658	0.0421	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0018	0.00403	0.0262	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0128	0.0052	0.034	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00655	0.0038	0.036	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.04	—	—	0.05	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.999	—	—	0.05	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.823	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.877	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.932	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.04	—	—	0.05	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.1	—	—	0.05	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.23	18.6	75.7	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	23.4	33.1	77.6	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	37.2	16.3	58.9	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	49.5	23.2	50.5	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-55.6	20	33	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.57	17	57	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	132	—	—	2.09	µg/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	120	—	—	2.15	µg/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	148	—	—	2.12	µg/L	Y	—	NQ	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	134	—	—	4.55	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	162	—	—	4.6	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	122	—	—	2.04	µg/L	Y	Q	J+	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	164	—	—	2.13	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.2	—	—	0.053	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.3	—	—	0.053	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.5	—	—	0.053	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.5	—	—	0.053	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.8	—	—	0.053	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.77	—	—	0.1	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0134	1.47	5.87	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.826	1.85	6.71	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.26	1.16	4.21	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.61	1.52	4.87	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.28	1.8	4.8	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.181	1.2	3.9	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µS/cm	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	60.4	—	—	1	µg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	60.7	—	—	1	µg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	59.7	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.5	—	—	1	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.6	—	—	1	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.2	—	—	1	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0908	0.0513	0.182	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.113	0.0443	0.161	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0909	0.134	0.488	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0945	0.132	0.472	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.383	0.14	0.53	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0904	0.13	0.48	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.65	—	—	0.133	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.64	—	—	0.133	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.82	—	—	0.133	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.77	—	—	0.133	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.73	—	—	0.133	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.71	—	—	0.133	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.47	—	—	0.133	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.06	—	—	0.3	µg/L	Y	H	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.04	—	—	0.3	µg/L	Y	H	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.04	—	—	0.3	µg/L	Y	—	NQ	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.12	—	—	0.3	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.98	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.93	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.1	—	—	0.3	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.708	—	—	0.33	mg/L	Y	J	J	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.716	—	—	0.33	mg/L	Y	J	J	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.645	—	—	0.33	mg/L	Y	J	J	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.914	—	—	0.33	mg/L	Y	J	J	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.897	—	—	0.33	mg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.924	—	—	0.33	mg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.969	—	—	0.33	mg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0518	—	—	0.017	mg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.041	—	—	0.017	mg/L	Y	J	J	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0403	—	—	0.017	mg/L	Y	J	U	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0676	—	—	0.017	mg/L	Y	—	U	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0525	—	—	0.017	mg/L	Y	—	U	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0225	—	—	0.017	mg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.64	—	—	0.3	µg/L	Y	HJ	J	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.74	—	—	0.3	µg/L	Y	HJ	J	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.65	—	—	0.3	µg/L	Y	J	J	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.79	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.69	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.77	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.71	—	—	0.3	µg/L	Y	J	J	2013-628	CAWA-13-28827	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	8.407	1.526	2.406	—	pCi/L	Y	—	J-	2014-3024	CAWA-14-54739	ARSL
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.265	1.262	1.726	—	pCi/L	Y	—	J-	2014-3024	CAWA-14-54703	ARSL
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	11.315	1.914	2.339	—	pCi/L	Y	—	J-	12-1450	CAWA-12-17543	ARSL
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	13.67	2.218	2.124	—	pCi/L	Y	—	NQ	12-1131	CAWA-12-10527	ARSL
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	17.6134	2.8336	2.415	—	pCi/L	N	—	R	11-1580	CAWA-11-5673	ARSL
CDV-16-4ip S1	815.6	03/07/11	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.5848	2.5438	2.415	—	pCi/L	Y	—	NQ	11-1580	CAWA-11-5673	ARSL
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	17.4846	2.7048	1.4812	—	pCi/L	N	—	R	10-4426	CAWA-10-26041	ARSL
CDV-16-4ip S1	815.6	08/31/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	16.0356	2.4794	1.4812	—	pCi/L	Y	—	NQ	10-4426	CAWA-10-26041	ARSL
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.516	—	—	0.067	µg/L	Y	—	NQ	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.508	—	—	0.067	µg/L	Y	—	NQ	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.457	—	—	0.067	µg/L	Y	—	NQ	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.381	—	—	0.067	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.396	—	—	0.067	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.485	—	—	0.067	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.512	—	—	0.067	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.239	0.0269	0.045	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.255	0.0256	0.041	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.278	0.0286	0.0619	—	pCi/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.252	0.0344	0.0765	—	pCi/L	Y	—	J	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.27	0.031	0.046	—	pCi/L	Y	—	NQ	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.441	0.047	0.072	—	pCi/L	Y	—	NQ	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0101	0.00888	0.0429	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0153	0.00809	0.0391	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0199	0.00939	0.0359	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00805	0.00986	0.0432	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0161	0.0077	0.03	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00662	0.0066	0.036	—	pCi/L	Y	U	U	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.0203	0.042	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.176	0.022	0.0383	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.175	0.0223	0.0335	—	pCi/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.15	0.0221	0.0409	—	pCi/L	Y	—	J	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.18	0.024	0.032	—	pCi/L	Y	—	NQ	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	08/31/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.329	0.039	0.032	—	pCi/L	Y	—	NQ	10-4425	CAWA-10-26041	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.49	—	—	1	µg/L	Y	J	J	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.54	—	—	1	µg/L	Y	J	J	2014-3019	CAWA-14-54706	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.79	—	—	1	µg/L	Y	J	J	2014-2709	CAWA-14-46041	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.45	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.43	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.94	—	—	1	µg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.35	—	—	1	µg/L	Y	J	J	2013-628	CAWA-13-28853	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.17	—	—	0.01	SU	Y	H	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.03	—	—	0.01	SU	Y	H	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.02	—	—	0.01	SU	Y	H	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	J-	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.2	—	—	0.725	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.725	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	0.725	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.8	—	—	0.73	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00602	0.0603	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0105	0.0047	0.041	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.26	—	—	0.0829	µg/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.209	—	—	0.0904	µg/L	Y	J	J	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.296	—	—	0.087	µg/L	Y	—	NQ	2013-663	CAWA-13-28786	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	07/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.476	—	—	0.0842	µg/L	Y	—	NQ	12-1414	CAWA-12-17544	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.195	—	—	0.087	µg/L	Y	J	J	12-652	CAWA-12-1942	GELC
CDV-16-611923	3.2	02/15/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1370	GW16-11-3225	GELC
CDV-16-611923	3.2	02/15/11	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1370	GW16-11-3237	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.144	—	—	0.0829	µg/L	Y	J	J	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.125	—	—	0.0904	µg/L	Y	J	J	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.16	—	—	0.087	µg/L	Y	J	J	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	07/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.3	—	—	0.0842	µg/L	Y	—	NQ	12-1414	CAWA-12-17544	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.138	—	—	0.087	µg/L	Y	J	J	12-652	CAWA-12-1942	GELC
CDV-16-611923	3.2	02/15/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1370	GW16-11-3225	GELC
CDV-16-611923	3.2	02/15/11	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1370	GW16-11-3237	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0706	—	—	0.017	mg/L	Y	—	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.126	—	—	0.017	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0996	—	—	0.017	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0833	—	—	0.016	mg/L	Y	—	NQ	12-652	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9130	—	—	1	µg/L	Y	—	J+	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	12200	—	—	1	µg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	12000	—	—	1	µg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21200	—	—	5	µg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	13700	—	—	1	µg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18100	—	—	1	µg/L	Y	—	NQ	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	17700	—	—	1	µg/L	Y	—	NQ	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	29.4	—	—	15	µg/L	Y	J	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	25	—	—	15	µg/L	Y	J	J	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	48.2	—	—	15	µg/L	Y	J	J	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	41	—	—	15	µg/L	Y	J	J	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.8	—	—	15	µg/L	Y	J	J	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	22.8	—	—	15	µg/L	Y	J	J	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28	—	—	0.05	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	27.9	—	—	0.05	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	42.2	—	—	0.05	mg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	27.7	—	—	0.05	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	41.5	—	—	0.05	mg/L	Y	—	NQ	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	40.8	—	—	0.05	mg/L	Y	—	NQ	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.31	1.93	8.01	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.499	1.2	4.6	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.7	—	—	0.335	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.8	—	—	0.134	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.8	—	—	0.134	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	32.2	—	—	0.33	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.97	—	—	2	µg/L	Y	J	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.45	—	—	2	µg/L	Y	J	J	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.53	—	—	2	µg/L	Y	J	J	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	2.14	—	—	2	µg/L	Y	J	U	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.07	2.31	8.18	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.393	1.4	5.3	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.171	—	—	0.033	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.201	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.254	—	—	0.033	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.23	0.7	1.63	—	pCi/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.7	1	2.2	—	pCi/L	Y	—	J-	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.07	0.432	1.03	—	pCi/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.45	1.3	2.9	—	pCi/L	Y	—	NQ	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.6	—	—	0.453	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	101	—	—	0.453	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	100	—	—	0.453	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	152	—	—	0.453	mg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	103	—	—	0.45	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	154	—	—	0.45	mg/L	Y	—	NQ	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	151	—	—	0.45	mg/L	Y	—	NQ	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.56	—	—	0.0829	µg/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.35	—	—	0.0904	µg/L	Y	—	J+	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.89	—	—	0.087	µg/L	Y	—	J+	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	07/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.34	—	—	0.0842	µg/L	Y	Q	NQ	12-1414	CAWA-12-17544	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	28.5	—	—	0.44	µg/L	Y	—	NQ	12-652	CAWA-12-1942	GELC
CDV-16-611923	3.2	02/15/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.204	—	—	0.1	µg/L	Y	J	J	11-1370	GW16-11-3225	GELC
CDV-16-611923	3.2	02/15/11	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.182	—	—	0.1	µg/L	Y	J	J	11-1370	GW16-11-3237	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.37	—	—	0.11	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.49	—	—	0.11	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.4	—	—	0.11	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.2	—	—	0.11	mg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.24	—	—	0.11	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	12.1	—	—	0.11	mg/L	Y	—	NQ	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.9	—	—	0.11	mg/L	Y	—	NQ	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	111	—	—	2	µg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	204	—	—	2	µg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	222	—	—	2	µg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	645	—	—	2	µg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	463	—	—	2	µg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4110	—	—	2	µg/L	Y	—	NQ	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4130	—	—	2	µg/L	Y	—	NQ	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.846	—	—	0.165	µg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.95	—	—	0.165	µg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.95	—	—	0.17	µg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	7.95	—	—	0.17	µg/L	Y	—	J	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	7.93	—	—	0.17	µg/L	Y	—	J	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.08	3.45	12.5	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.41	2.5	9.2	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.77	—	—	0.5	µg/L	Y	J	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.88	—	—	0.5	µg/L	Y	J	U	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	1.92	—	—	0.5	µg/L	Y	J	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.13	—	—	0.5	µg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.6	—	—	0.5	µg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.44	—	—	0.5	µg/L	Y	—	NQ	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.19	—	—	0.5	µg/L	Y	—	NQ	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.129	—	—	0.017	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0252	—	—	0.017	mg/L	Y	J	J	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0247	—	—	0.017	mg/L	Y	J	J	2013-663	CAWA-13-28789	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.225	—	—	0.05	mg/L	Y	J	J	12-652	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.12	—	—	0.05	µg/L	Y	J	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.184	—	—	0.05	µg/L	Y	J	J	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00265	0.0046	0.0342	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00236	0.0024	0.039	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00796	0.00702	0.0779	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00708	0.0063	0.03	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.61	—	—	0.05	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.42	—	—	0.05	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.41	—	—	0.05	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.53	—	—	0.05	mg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.98	—	—	0.05	mg/L	Y	—	J	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.67	—	—	0.05	mg/L	Y	—	J	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.71	—	—	0.05	mg/L	Y	—	J	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.3	24.9	93.9	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.3	17	66	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.67	—	—	0.0829	µg/L	Y	Q	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.3	—	—	0.0904	µg/L	Y	—	NQ	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.65	—	—	0.087	µg/L	Y	Q	NQ	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	07/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.45	—	—	0.0842	µg/L	Y	Q	NQ	12-1414	CAWA-12-17544	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	5.11	—	—	0.087	µg/L	Y	—	NQ	12-652	CAWA-12-1942	GELC
CDV-16-611923	3.2	02/15/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1370	GW16-11-3225	GELC
CDV-16-611923	3.2	02/15/11	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1370	GW16-11-3237	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	36.1	—	—	0.053	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.8	—	—	0.053	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.3	—	—	0.053	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	33.4	—	—	0.053	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.2	—	—	0.1	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.1	—	—	0.1	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.7	—	—	0.1	mg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22	—	—	0.1	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.6	—	—	0.1	mg/L	Y	—	NQ	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.6	—	—	0.1	mg/L	Y	—	NQ	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.714	2.13	8.75	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.716	1.1	3.9	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	272	—	—	1	µS/cm	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	301	—	—	1	µS/cm	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	300	—	—	1	µS/cm	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	317	—	—	1	µS/cm	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	236	—	—	1	µg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	320	—	—	1	µg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	318	—	—	1	µg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	506	—	—	1	µg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	335	—	—	1	µg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	496	—	—	1	µg/L	Y	—	NQ	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	487	—	—	1	µg/L	Y	—	NQ	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.119	0.0482	0.155	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.152	0.14	0.49	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.44	—	—	0.133	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.52	—	—	0.133	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.47	—	—	0.133	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.04	—	—	0.1	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	J	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.34	—	—	0.033	mg/L	Y	—	J-	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.164	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.264	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.249	—	—	0.035	mg/L	Y	—	NQ	12-652	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.15	—	—	0.33	mg/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.63	—	—	0.33	mg/L	Y	—	NQ	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.57	—	—	0.33	mg/L	Y	—	NQ	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.62	—	—	0.33	mg/L	Y	—	NQ	12-652	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.106	—	—	0.017	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0472	—	—	0.015	mg/L	Y	J	J	12-652	CAWA-12-1944	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.215	—	—	0.067	µg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.259	—	—	0.067	µg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.309	—	—	0.067	µg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.2	—	—	0.067	µg/L	Y	—	NQ	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	J	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.797	—	—	0.067	µg/L	Y	—	NQ	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.717	—	—	0.067	µg/L	Y	—	NQ	11-1370	GW16-11-3238	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0644	0.0267	0.0667	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.564	0.056	0.048	—	pCi/L	Y	—	NQ	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0149	0.0132	0.0636	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0309	0.011	0.042	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.101	0.0217	0.0623	—	pCi/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.372	0.042	0.04	—	pCi/L	Y	—	NQ	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.88	—	—	1	µg/L	Y	J	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.22	—	—	1	µg/L	Y	J	J	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.24	—	—	1	µg/L	Y	J	J	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.55	—	—	1	µg/L	Y	J	J	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.96	—	—	1	µg/L	Y	J	J	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	11-1370	GW16-11-3231	GELC
CDV-16-611923	3.2	02/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	11-1370	GW16-11-3238	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.29	—	—	0.01	SU	Y	H	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	J-	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	J-	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	J-	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.3	—	—	0.725	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.9	—	—	0.725	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	0.725	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.8	—	—	0.73	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.1	—	—	0.73	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.2	—	—	0.73	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00504	0.0505	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0112	0.00744	0.0449	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00193	0.0058	0.038	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.01	0.0045	0.028	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00988	0.0044	0.032	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.000235	0.003	0.027	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.23	—	—	1	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.35	—	—	1	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.8	—	—	1	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.27	—	—	1	µg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	10.5	—	—	1	µg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	10.8	—	—	1	µg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.59	—	—	0.05	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.92	—	—	0.05	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.42	—	—	0.05	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.73	—	—	0.05	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.28	—	—	0.05	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.156	1.82	5.66	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.52	1.68	5.44	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.28	1.9	7.2	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.728	1.6	5.6	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-7.36	2.2	7.5	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.893	1.8	6.2	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.2	—	—	0.067	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.21	—	—	0.067	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.22	—	—	0.067	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.23	—	—	0.066	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.24	—	—	0.066	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.22	—	—	0.066	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.57	1.49	5.66	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.28	1.93	6.86	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.1	1.6	6.7	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.27	1.6	6	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.79	1.5	2.9	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.215	1.8	5.9	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.134	—	—	0.033	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	—	0.033	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.238	0.61	2.64	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.474	0.373	1.78	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.45	0.71	1.9	—	pCi/L	Y	U	UJ	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.902	0.66	2.2	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.602	0.59	2.1	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.29	0.74	2.2	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.855	0.352	1.25	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	-0.0466	0.309	1.04	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.158	0.56	2.1	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.701	0.74	2.9	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.44	0.76	2.4	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3	1	3	—	pCi/L	Y	—	NQ	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.4	—	—	0.453	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.6	—	—	0.453	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36	—	—	0.453	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.7	—	—	0.45	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.2	—	—	0.45	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.2	—	—	0.45	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.17	—	—	0.11	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.25	—	—	0.11	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.57	—	—	0.11	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.23	—	—	0.11	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.4	—	—	0.11	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.18	—	—	0.11	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.19	—	—	2	µg/L	Y	J	J	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.02	—	—	2	µg/L	Y	J	J	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.71	—	—	2	µg/L	Y	J	J	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	6.93	—	—	2	µg/L	Y	J	J	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.77	—	—	2	µg/L	Y	J	J	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	8.55	—	—	2	µg/L	Y	J	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.165	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.17	µg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.37	—	—	0.17	µg/L	Y	—	J	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.33	—	—	0.17	µg/L	Y	—	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.97	3.01	10.1	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.55	3.18	11.9	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.53	3.9	13	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.21	2.6	9.5	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.84	3.9	12	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	09/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.78	2.8	9.1	—	pCi/L	Y	U	U	10-4679	CAWA-10-25902	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.23	—	—	0.5	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.22	—	—	0.5	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.01	—	—	0.5	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.41	—	—	0.5	µg/L	Y	J	J	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.48	—	—	0.5	µg/L	Y	J	J	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.71	—	—	0.5	µg/L	Y	J	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.215	—	—	0.017	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.256	—	—	0.017	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.103	—	—	0.017	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0274	—	—	0.01	mg/L	Y	J	J+	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.163	—	—	0.05	mg/L	Y	J	J+	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.128	—	—	0.05	µg/L	Y	J	J	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.121	—	—	0.05	µg/L	Y	J	J	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.125	—	—	0.05	µg/L	Y	J	J	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.257	—	—	0.05	µg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.13	—	—	0.05	µg/L	Y	J	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	12/01/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.124	—	—	0.05	µg/L	Y	J	J	11-756	CAWA-11-2119	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00277	0.0062	0.0357	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00609	0.0392	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.012	0.006	0.058	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00597	0.004	0.024	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0039	0.037	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00202	0.0035	0.023	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00277	0.00919	0.0814	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00608	0.00608	0.0893	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.014	0.045	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.0069	0.036	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00832	0.011	0.054	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00403	0.0049	0.042	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.472	—	—	0.05	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.502	—	—	0.05	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.589	—	—	0.05	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.491	—	—	0.05	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.736	—	—	0.05	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.6	—	—	0.05	mg/L	Y	—	J	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.8	17.5	58.7	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-18.4	17.8	70.5	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-30.7	23	77	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.593	22	78	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.4	23	76	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-60.6	24	72	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.1	—	—	0.053	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.5	—	—	0.053	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.5	—	—	0.053	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.5	—	—	0.053	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.5	—	—	0.053	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.117	1.05	4.17	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.42	1.93	6.92	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.24	1.8	6.6	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.137	1.9	6.1	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.41	1.4	5.6	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.88	1.6	4.1	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	1	µS/cm	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	1	µS/cm	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	µS/cm	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	46.4	—	—	1	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	47.8	—	—	1	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	47.1	—	—	1	µg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	49.2	—	—	1	µg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.1	—	—	1	µg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.13	0.127	0.475	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0818	0.135	0.488	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0264	0.14	0.49	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.141	0.14	0.48	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.17	0.14	0.5	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.292	0.15	0.49	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.05	—	—	0.133	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.09	—	—	0.133	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.94	—	—	0.1	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.12	—	—	0.1	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	—	0.1	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	91.4	—	—	3.4	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	2.4	mg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	112	—	—	2.4	mg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.02	—	—	0.33	mg/L	Y	—	NQ	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.11	—	—	0.33	mg/L	Y	—	NQ	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	03/22/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.16	—	—	0.33	mg/L	Y	—	NQ	2013-658	CAWA-13-28829	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.01	—	—	0.33	mg/L	Y	—	NQ	12-644	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.791	—	—	0.33	mg/L	Y	J	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.907	—	—	0.33	mg/L	Y	J	J	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.198	—	—	0.017	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.171	—	—	0.017	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0772	—	—	0.015	mg/L	Y	—	U	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0306	—	—	0.015	mg/L	Y	J	U	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0301	—	—	0.015	mg/L	Y	J	U	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.459	—	—	0.067	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.465	—	—	0.067	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.476	—	—	0.067	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.415	—	—	0.067	µg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.506	—	—	0.067	µg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.517	—	—	0.067	µg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.279	0.0286	0.0449	—	pCi/L	Y	—	NQ	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.328	0.0295	0.0421	—	pCi/L	Y	—	NQ	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.243	0.029	0.031	—	pCi/L	Y	—	NQ	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.318	0.041	0.093	—	pCi/L	Y	—	NQ	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.363	0.039	0.031	—	pCi/L	Y	—	NQ	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.388	0.041	0.051	—	pCi/L	Y	—	NQ	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0168	0.0101	0.0429	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00314	0.00831	0.0402	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.02	0.008	0.027	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0208	0.011	0.053	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0164	0.0078	0.025	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00597	0.006	0.034	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.152	0.0214	0.042	—	pCi/L	Y	—	J	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.142	0.0203	0.0394	—	pCi/L	Y	—	NQ	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.168	0.022	0.026	—	pCi/L	Y	—	NQ	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.182	0.028	0.042	—	pCi/L	Y	—	NQ	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.161	0.022	0.034	—	pCi/L	Y	—	NQ	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.179	0.024	0.034	—	pCi/L	Y	—	NQ	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.51	—	—	3.3	µg/L	Y	J	J	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.52	—	—	3.3	µg/L	Y	J	J	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	9.63	—	—	3.3	µg/L	Y	J	J	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	15.1	—	—	3.3	µg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	10.3	—	—	3.3	µg/L	Y	—	NQ	11-1872	CAWA-11-5323	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.48	—	—	0.01	SU	Y	H	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	0.725	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	0.725	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.2	—	—	0.725	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.2	—	—	0.725	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	—	0.725	mg/L	Y	H	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.9	—	—	0.73	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00241	0.00539	0.0483	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0023	0.00762	0.046	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00901	0.004	0.036	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00598	0.0052	0.044	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0014	0.0041	0.024	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0114	0.00814	0.0335	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0252	—	—	0.017	mg/L	Y	J	U	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	1.3	—	—	0.017	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0505	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0376	—	—	0.017	mg/L	Y	J	J	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0616	—	—	0.017	mg/L	Y	—	U	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.4	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.6	—	—	1	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.76	—	—	0.05	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.03	1.24	4.24	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.421	1.31	4.69	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.99	1.4	5.2	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.946	1.3	4.4	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.836	1.2	3.7	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.956	1.31	4.49	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.067	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.067	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.68	—	—	0.067	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.67	—	—	0.067	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.67	—	—	0.067	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.59	—	—	0.066	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.63	—	—	0.066	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.04	—	—	2	µg/L	Y	J	J	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.17	—	—	2	µg/L	Y	J	J	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.301	1.13	4.36	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.355	1.34	4.32	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.15	1.2	3.7	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.948	1.3	4.4	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.943	1.4	4.9	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0529	1.21	3.93	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.1	—	—	0.033	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.102	—	—	0.033	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0996	—	—	0.033	mg/L	Y	J	J	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0986	—	—	0.033	mg/L	Y	J	J	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	—	0.033	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.128	—	—	0.033	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.51	0.543	2.88	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.642	0.706	2.72	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.258	0.71	3	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.12	0.96	3.3	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.11	0.85	2.91	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	01/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.611	0.642	2.26	—	pCi/L	Y	U	U	180010	GU07010G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.411	0.44	1.47	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	1.53	0.414	1.31	—	pCi/L	Y	—	NQ	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.85	0.98	2.8	—	pCi/L	Y	—	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.297	0.71	2.6	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.36	0.862	2.83	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	01/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.3	0.956	2.89	—	pCi/L	Y	—	J	180010	GU07010G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.1	—	—	0.453	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.4	—	—	0.453	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.1	—	—	0.453	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.6	—	—	0.45	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.9	—	—	0.45	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.31	—	—	0.11	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.38	—	—	0.11	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.22	—	—	0.11	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.337	2.86	10.2	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.28	2.74	9.32	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.33	2.5	8.3	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.64	12	35	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.91	5.9	18	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.52	10.4	34.2	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.849	—	—	0.5	µg/L	Y	J	J	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.98	—	—	0.5	µg/L	Y	J	J	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.892	—	—	0.5	µg/L	Y	J	J	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.712	—	—	0.5	µg/L	Y	J	J	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.905	—	—	0.5	µg/L	Y	J	J	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.55	—	—	0.5	µg/L	Y	J	J	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.571	—	—	0.5	µg/L	Y	J	J	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.363	—	—	0.017	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.329	—	—	0.017	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.335	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.619	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.29	—	—	0.017	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.296	—	—	0.05	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.251	—	—	0.1	mg/L	Y	J	J-	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.246	—	—	0.05	µg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.245	—	—	0.05	µg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.264	—	—	0.05	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	—	0.05	µg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.274	—	—	0.05	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.26	—	—	0.05	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00577	0.00707	0.0372	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00284	0.00634	0.0366	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0165	0.0068	0.026	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00971	0.01	0.041	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00599	0.0045	0.03	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0116	0.00687	0.0266	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00866	0.00957	0.0848	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00284	0.00491	0.0833	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00121	0.0048	0.043	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00486	0.0084	0.039	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.014	0.0072	0.034	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00166	0.00498	0.0314	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	J	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13	16.8	35.7	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	22.6	19.9	58.7	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.77	15	50	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15	17	48	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.3	16	57	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.8	18.3	64.4	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.4	—	—	0.053	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.1	—	—	0.053	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.4	—	—	0.053	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.9	—	—	0.053	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.9	—	—	0.053	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.5	—	—	0.053	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.43	—	—	0.1	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.312	1.22	4.73	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.417	1.03	4.22	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.742	1.4	4.6	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.114	1.2	4.1	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.541	1.4	4.5	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.12	1.49	5.25	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µS/cm	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.2	—	—	1	µg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57	—	—	1	µg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.2	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	55.1	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56.3	—	—	1	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.4	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.299	0.125	0.478	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0148	0.0517	0.176	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.294	0.15	0.49	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.167	0.11	0.4	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.233	0.09	0.41	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.406	0.156	0.49	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	—	—	0.133	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.81	—	—	0.133	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.75	—	—	0.133	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	—	—	0.133	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.1	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.06	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	2.4	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	2.4	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.781	—	—	0.33	mg/L	Y	J	J	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.71	—	—	0.33	mg/L	Y	J	J	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.52	—	—	0.33	mg/L	Y	J	J	2014-2709	CAWA-14-46039	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.466	—	—	0.33	mg/L	Y	J	J	2014-2709	CAWA-14-46033	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.68	—	—	0.33	mg/L	Y	J	J	2013-2069	CAWA-13-41328	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.405	—	—	0.33	mg/L	Y	J	J	11-2396	CAWA-11-7364	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	05/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	11-2355	CAWA-11-7326	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0376	—	—	0.017	mg/L	Y	J	J	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0392	—	—	0.017	mg/L	Y	J	J	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0326	—	—	0.017	mg/L	Y	J	U	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0545	—	—	0.017	mg/L	Y	—	U	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.033	—	—	0.015	mg/L	Y	J	J	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0417	—	—	0.015	mg/L	Y	J	U	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.117	0.566	1.764	—	pCi/L	Y	U	U	2014-3024	CAWA-14-54742	ARSL
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.126	0.487	1.476	—	pCi/L	Y	U	U	2014-3024	CAWA-14-54705	ARSL
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.5778	0.6118	1.9964	—	pCi/L	Y	U	U	10-4107	CAWA-10-24741	ARSL
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0	0.2898	0.2898	—	pCi/L	Y	U	U	10-120	CAWA-09-14149	UMTL
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-5.83786	1.27512	3.42608	—	pCi/L	Y	U	U	09-85	CAWA-08-16068	ARSL
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	-0.0322	0.2898	0.2898	—	pCi/L	Y	—	U	2415	UU07100G153401	UMTL
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.722	—	—	0.067	µg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.76	—	—	0.067	µg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.651	—	—	0.067	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.631	—	—	0.067	µg/L	Y	—	NQ	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.527	—	—	0.067	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.507	—	—	0.067	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.508	—	—	0.067	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.555	0.0398	0.0456	—	pCi/L	Y	—	J	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.605	0.0442	0.048	—	pCi/L	Y	—	NQ	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.28	0.036	0.084	—	pCi/L	Y	—	NQ	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.292	0.032	0.071	—	pCi/L	Y	—	NQ	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.268	0.028	0.063	—	pCi/L	Y	—	NQ	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.25	0.0277	0.0479	—	pCi/L	Y	—	NQ	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0408	0.0127	0.0435	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0358	0.0143	0.0458	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0252	0.0097	0.04	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0295	0.0088	0.036	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0289	0.0088	0.033	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0157	0.00648	0.0371	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.286	0.0288	0.0426	—	pCi/L	Y	—	NQ	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.31	0.0311	0.0449	—	pCi/L	Y	—	NQ	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.025	0.051	—	pCi/L	Y	—	NQ	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.123	0.019	0.043	—	pCi/L	Y	—	NQ	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.178	0.021	0.035	—	pCi/L	Y	—	NQ	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.199	0.0237	0.0419	—	pCi/L	Y	—	NQ	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.37	—	—	1	µg/L	Y	J	J	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.36	—	—	1	µg/L	Y	J	J	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.47	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46042	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.5	—	—	1	µg/L	Y	J	J	2014-2709	CAWA-14-46034	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.86	—	—	1	µg/L	Y	J	J	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.43	—	—	1	µg/L	Y	J	J	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.42	—	—	1	µg/L	Y	J	J	11-2355	CAWA-11-7327	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	J-	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	J-	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	0.725	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56	—	—	0.725	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.6	—	—	0.725	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	0.73	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.9	—	—	0.73	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.015	0.0108	0.0599	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00728	0.00581	0.0204	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.1	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.7	—	—	1	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36	—	—	1	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.36	—	—	0.05	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.84	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.81	—	—	0.05	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.39	—	—	0.05	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.69	1.43	4.66	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.91	1.09	3.11	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.69	—	—	0.067	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.74	—	—	0.067	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.77	—	—	0.067	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.73	—	—	0.066	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.71	—	—	0.066	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.59	1.09	2.23	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.933	1.23	4.27	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.149	—	—	0.033	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.151	—	—	0.033	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.223	—	—	0.033	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.188	—	—	0.033	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.11	0.815	2.68	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.811	0.472	1.37	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.4	0.691	2.22	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.53	0.817	2.66	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.8	—	—	0.453	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.4	—	—	0.453	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.45	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.7	—	—	0.45	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.13	—	—	0.11	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	177	—	—	2	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	179	—	—	2	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	183	—	—	2	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	201	—	—	2	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	318	—	—	2	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.165	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.28	—	—	0.165	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.17	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.17	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.67	2.83	11	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	10.7	9.15	27.2	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.99	—	—	0.5	µg/L	Y	J	J	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.19	—	—	0.5	µg/L	Y	J	J	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.58	—	—	0.5	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.96	—	—	0.5	µg/L	Y	J	J	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.57	—	—	0.5	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.345	—	—	0.017	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.491	—	—	0.017	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.19	—	—	0.017	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.301	—	—	0.1	mg/L	Y	J	J	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.217	—	—	0.1	mg/L	Y	J	J	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.216	—	—	0.05	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.219	—	—	0.05	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.142	—	—	0.05	µg/L	Y	J	J	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.236	—	—	0.05	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.195	—	—	0.05	µg/L	Y	J	J	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00319	0.00553	0.0412	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00368	0.00689	0.0202	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0224	0.0106	0.0938	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00184	0.00713	0.0134	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.75	—	—	0.05	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	N	1.44	—	—	0.05	mg/L	Y	—	U	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	J	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.03	16.9	70.8	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.17	21.7	31.2	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.8	—	—	0.053	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.8	—	—	0.053	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.6	—	—	0.053	mg/L	Y	—	J+	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.2	—	—	0.053	mg/L	Y	—	J+	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.25	1.12	4.99	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.747	0.987	3	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	1	µS/cm	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.1	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56.8	—	—	1	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.6	—	—	1	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.7	—	—	1	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0497	0.0459	0.162	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0748	0.0857	0.306	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.7	—	—	0.133	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.67	—	—	0.133	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.91	—	—	0.133	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.85	—	—	0.1	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.93	—	—	0.1	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	J	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	2.4	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	2.4	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.603	—	—	0.33	mg/L	Y	J	J	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.555	—	—	0.33	mg/L	Y	J	J	2014-2709	CAWA-14-46040	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.1	—	—	0.33	mg/L	Y	—	NQ	2013-2057	CAWA-13-41329	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.84	—	—	0.33	mg/L	Y	J	J	11-2168	CAWA-11-7382	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	11-2156	CAWA-11-7332	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0524	—	—	0.017	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0194	—	—	0.017	mg/L	Y	J	U	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0505	—	—	0.017	mg/L	Y	—	U	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0187	—	—	0.015	mg/L	Y	J	J	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	U	U	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.56	0.619	2.127	—	pCi/L	Y	U	U	2014-3076	CAWA-14-54743	ARSL
CdV-R-37-2 S2	1188.7	10/15/09	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.0322	0.2898	0.2898	—	pCi/L	Y	U	U	10-205	CAWA-09-14201	UMTL
CdV-R-37-2 S2	1188.7	10/10/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-5.39994	1.21394	3.33592	—	pCi/L	Y	U	U	09-85	CAWA-08-16089	ARSL
CdV-R-37-2 S2	1188.7	04/09/08	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.2254	0.2898	0.2898	—	pCi/L	Y	U	U	08-998	CAWA-08-11709	UMTL
CdV-R-37-2 S2	1188.7	11/05/07	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	-0.0644	0.2898	0.2898	—	pCi/L	Y	—	U	2421	UU07100G37R201	UMTL
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.569	—	—	0.067	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.597	—	—	0.067	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.582	—	—	0.067	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.745	—	—	0.067	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.709	—	—	0.067	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.277	0.0336	0.0494	—	pCi/L	Y	—	NQ	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0264	0.00754	0.0351	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0295	0.0147	0.0471	—	pCi/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0123	0.00505	0.0358	—	pCi/L	Y	U	U	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.131	0.027	0.0462	—	pCi/L	Y	—	NQ	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0314	0.00742	0.0248	—	pCi/L	Y	—	J	179805	GU07010G37R201	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.74	—	—	1	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.55	—	—	1	µg/L	Y	—	NQ	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.98	—	—	1	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.01	—	—	1	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.25	—	—	1	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.716	—	—	0.316	µg/L	Y	J	J	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	N	1.1	—	—	0.33	µg/L	Y	U	U	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.638	—	—	0.349	µg/L	Y	J	J	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.552	—	—	0.341	µg/L	Y	J	J	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.598	—	—	0.341	µg/L	Y	J	J	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.738	—	—	0.39	µg/L	Y	J	J	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.84	—	—	0.39	µg/L	Y	J	J	12-611	CAWA-12-2079	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	0.01	SU	Y	H	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	J-	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.34	—	—	0.01	SU	Y	H	J-	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.11	—	—	0.01	SU	Y	H	J-	11-3609	CAWA-11-27053	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	J-	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.2	—	—	0.01	SU	Y	H	J-	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	99.9	—	—	0.725	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	0.725	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	0.725	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	111	—	—	0.73	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	—	0.73	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.2	—	—	0.73	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.7	—	—	0.73	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	0.73	mg/L	Y	—	NQ	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	464	—	—	68	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	2740	—	—	68	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	179	—	—	68	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00418	0.00781	0.0418	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0072	0.0072	0.047	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-2.22E-09	0.0077	0.044	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00538	0.0048	0.03	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00942	0.005	0.031	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0102	0.0057	0.047	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0048	0.0028	0.035	—	pCi/L	Y	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.51	—	—	0.0842	µg/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.733	—	—	0.0879	µg/L	Y	—	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.66	—	—	0.093	µg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.53	—	—	0.0909	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.6	—	—	0.0909	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.63	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.86	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.792	—	—	0.0842	µg/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.418	—	—	0.0879	µg/L	Y	—	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.09	—	—	0.093	µg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.95	—	—	0.0909	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1	—	—	0.0909	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.41	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.65	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	144	—	—	1	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	129	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	164	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	162	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	178	—	—	1	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	192	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	188	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	898	—	—	15	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	647	—	—	15	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	1100	—	—	15	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	1100	—	—	15	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	1310	—	—	15	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	1290	—	—	15	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	1260	—	—	15	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067	mg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.118	—	—	0.067	mg/L	Y	J	J	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.131	—	—	0.067	mg/L	Y	J	J	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.168	—	—	0.066	mg/L	Y	J	J	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.165	—	—	0.066	mg/L	Y	J	J	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.177	—	—	0.066	mg/L	Y	J	J	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.6	—	—	0.05	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28.3	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28.2	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	30.2	—	—	0.05	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	32.9	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	32.1	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.81	1.39	4.28	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.2	1.4	5.6	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.08	1.6	5.1	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.935	1.3	4	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.169	1.6	5.3	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.454	1.5	4.9	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.865	1.2	3.6	—	pCi/L	Y	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23	—	—	0.335	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.6	—	—	0.134	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.5	—	—	0.134	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	37	—	—	0.33	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	37.2	—	—	0.33	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.2	—	—	0.13	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.2	—	—	0.13	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	25.6	—	—	0.13	mg/L	Y	—	NQ	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.269	1.37	5.28	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.57	1.5	5.8	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.75	1.6	6.7	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.12	1.5	5.2	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.641	1.4	4.9	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.621	1.6	5.4	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.43	1.4	5.2	—	pCi/L	Y	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.568	—	—	0.033	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.539	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.537	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.547	—	—	0.033	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.562	—	—	0.033	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.493	—	—	0.033	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.498	—	—	0.033	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.491	—	—	0.033	mg/L	Y	—	NQ	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.63	1.12	2.84	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.48	1.4	2.5	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	4.22	1.4	2.3	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.43	1.2	2.5	—	pCi/L	Y	—	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.92	1.3	2.9	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.01	0.92	2.2	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.45	0.85	2.2	—	pCi/L	Y	—	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.84	0.331	0.882	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.64	1	2.3	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	7.68	1.3	2.5	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.29	1.1	2.4	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	-1.27	0.77	2.9	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.37	1.1	3	—	pCi/L	Y	—	NQ	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4	1.2	3.2	—	pCi/L	Y	—	NQ	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.5	—	—	0.453	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.7	—	—	0.453	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	97.1	—	—	0.453	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96.7	—	—	0.453	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	104	—	—	0.453	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	112	—	—	0.45	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	110	—	—	0.45	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.89	—	—	1.05	µg/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.68	—	—	0.0879	µg/L	Y	Q	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	11.1	—	—	0.093	µg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.3	—	—	0.0909	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.4	—	—	0.182	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	11.5	—	—	1	µg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	15	—	—	1.3	µg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.61	—	—	0.11	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.63	—	—	0.11	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.4	—	—	0.11	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.36	—	—	0.11	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7	—	—	0.11	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.3	—	—	0.11	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.14	—	—	0.11	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.29	—	—	2	µg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	13.3	—	—	2	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.55	—	—	2	µg/L	Y	J	J	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.42	—	—	2	µg/L	Y	J	J	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	6.56	—	—	2	µg/L	Y	J	J	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.26	—	—	2	µg/L	Y	J	J	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.56	—	—	0.165	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.83	—	—	0.165	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.62	—	—	0.165	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.72	—	—	0.165	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.92	—	—	0.165	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.21	—	—	0.17	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.15	—	—	0.17	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.26	3	10.7	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.392	2.8	9.8	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.18	3.1	10	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.87	2.9	8.6	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.81	3.1	9.8	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.03	2.8	8.7	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-11.8	11	33	—	pCi/L	Y	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.874	—	—	0.5	µg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.21	—	—	0.5	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.04	—	—	0.5	µg/L	Y	J	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.992	—	—	0.5	µg/L	Y	J	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.602	—	—	0.5	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	12-612	CAWA-12-1931	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.641	—	—	0.5	µg/L	Y	J	J	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.88	—	—	0.17	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.99	—	—	0.085	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.99	—	—	0.085	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.08	—	—	0.05	mg/L	Y	—	J+	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.03	—	—	0.05	mg/L	Y	—	J+	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	—	0.05	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.48	—	—	0.05	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.34	—	—	0.1	mg/L	Y	—	NQ	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.595	—	—	0.05	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.689	—	—	0.05	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.707	—	—	0.05	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.564	—	—	0.05	µg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.572	—	—	0.05	µg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.706	—	—	0.05	µg/L	Y	—	NQ	10-4588	CAWA-10-25717	GELC
Martin Spring	—	10/16/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.638	—	—	0.05	µg/L	Y	—	NQ	10-166	CAWA-09-13713	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00302	0.00906	0.0389	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00223	0.0022	0.037	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00147	0.0015	0.029	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00278	0.0028	0.028	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00542	0.0038	0.028	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00273	0.0047	0.03	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0128	0.0067	0.036	—	pCi/L	Y	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00604	0.0113	0.0886	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0067	0.0059	0.029	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0162	0.0071	0.022	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0111	0.0056	0.053	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00814	0.0061	0.052	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0191	0.011	0.045	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00212	0.0048	0.034	—	pCi/L	Y	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.78	—	—	0.05	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.9	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.96	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.01	—	—	0.05	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.49	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.48	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.342	20	74.7	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.46	17	67	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	17.4	22	86	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.2	23	80	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	35.4	18	73	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.45	18	61	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.3	18	66	—	pCi/L	Y	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	61.7	—	—	1.05	µg/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	09/17/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	27.7	—	—	0.44	µg/L	Y	—	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	92.4	—	—	2.33	µg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	82.4	—	—	2.27	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	73	—	—	2.27	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	94.7	—	—	1	µg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	115	—	—	1.3	µg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	48.5	—	—	0.053	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.4	—	—	0.053	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.3	—	—	0.053	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	50.5	—	—	0.053	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	49.5	—	—	0.053	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.9	—	—	0.053	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46	—	—	0.053	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.1	—	—	0.053	mg/L	Y	—	NQ	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	33.8	—	—	0.1	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.8	—	—	0.1	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	33.1	—	—	0.1	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	33	—	—	0.1	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	36.1	—	—	0.1	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	39.8	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	38.8	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.03	1.19	3.63	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.819	1.4	5.2	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.49	1.8	6.1	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.26	1.5	5.4	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1	1.6	5.5	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.65	1.6	3.9	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.41	1.6	5.5	—	pCi/L	Y	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	348	—	—	1	µS/cm	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	360	—	—	1	µS/cm	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	360	—	—	1	µS/cm	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	400	—	—	1	µS/cm	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	395	—	—	1	µS/cm	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	315	—	—	1	µS/cm	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	310	—	—	1	µS/cm	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	375	—	—	1	µS/cm	Y	—	NQ	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	126	—	—	1	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	93.8	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	137	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	137	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	150	—	—	1	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	155	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	152	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.136	0.144	0.489	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0685	0.14	0.49	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.14	0.14	0.49	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.287	0.12	0.49	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.129	0.13	0.48	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.12	0.13	0.49	—	pCi/L	Y	U	U	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.37	0.11	0.46	—	pCi/L	Y	U	U	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.2	—	—	0.665	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.9	—	—	0.133	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.9	—	—	0.133	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14	—	—	0.1	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14	—	—	0.1	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.3	—	—	0.1	mg/L	Y	—	NQ	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	246	—	—	3.4	mg/L	Y	—	J	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	267	—	—	3.4	mg/L	Y	—	J	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	257	—	—	2.4	mg/L	Y	—	NQ	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.474	—	—	0.033	mg/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.365	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.251	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.31	—	—	0.035	mg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.316	—	—	0.035	mg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.322	—	—	0.035	mg/L	Y	—	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	UJ	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.435	—	—	0.033	mg/L	Y	—	NQ	10-4587	CAWA-10-25715	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.46	—	—	0.33	mg/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.69	—	—	0.66	mg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.96	—	—	0.33	mg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.15	—	—	0.33	mg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.11	—	—	0.33	mg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.22	—	—	0.33	mg/L	Y	—	NQ	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.87	—	—	0.33	mg/L	Y	—	NQ	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.52	—	—	0.33	mg/L	Y	—	NQ	10-4587	CAWA-10-25715	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.118	—	—	0.017	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0699	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0623	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.202	—	—	0.015	mg/L	Y	—	U	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.105	—	—	0.015	mg/L	Y	—	U	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.204	—	—	0.015	mg/L	Y	—	J	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.251	—	—	0.015	mg/L	Y	—	J	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.124	—	—	0.015	mg/L	Y	—	U	10-4588	CAWA-10-25717	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.45	—	—	0.3	µg/L	Y	HJ	J	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	09/17/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	1	—	—	0.3	µg/L	Y	U	U	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.36	—	—	0.3	µg/L	Y	J	J	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.36	—	—	0.3	µg/L	Y	J	J	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	1	—	—	0.3	µg/L	Y	U	U	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.46	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.48	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-2079	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.315	—	—	0.0842	µg/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.275	—	—	0.0879	µg/L	Y	U	U	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.593	—	—	0.093	µg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.53	—	—	0.0909	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.334	—	—	0.0909	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.671	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.815	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.74	—	—	0.067	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.448	—	—	0.067	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.14	—	—	0.067	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	2.23	—	—	0.067	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.91	—	—	0.067	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.43	—	—	0.067	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	2.32	—	—	0.067	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.26	0.0585	0.0441	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.14	0.17	0.053	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.05	0.15	0.042	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.708	0.077	0.075	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.846	0.084	0.068	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.32	0.11	0.077	—	pCi/L	Y	—	NQ	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.19	0.097	0.074	—	pCi/L	Y	—	NQ	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0427	0.0136	0.0421	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0518	0.017	0.047	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.086	0.019	0.037	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.041	0.015	0.054	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0278	0.012	0.049	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0641	0.017	0.039	—	pCi/L	Y	—	NQ	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0812	0.016	0.038	—	pCi/L	Y	—	NQ	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.79	0.0461	0.0412	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.42	0.12	0.045	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.42	0.11	0.036	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.477	0.058	0.065	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.48	0.055	0.059	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.881	0.082	0.034	—	pCi/L	Y	—	NQ	10-4589	CAWA-10-25715	GELC
Martin Spring	—	10/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.859	0.073	0.046	—	pCi/L	Y	—	NQ	10-166	CAWA-09-13712	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.23	—	—	1	µg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.29	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.62	—	—	1	µg/L	Y	J	J	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.14	—	—	1	µg/L	Y	J	J	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.16	—	—	1	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.32	—	—	1	µg/L	Y	J	J	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.25	—	—	1	µg/L	Y	J	J	12-612	CAWA-12-2078	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.45	—	—	3.3	µg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.77	—	—	3.3	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.73	—	—	3.3	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-612	CAWA-12-2078	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	J-	11-3464	CAWA-11-27166	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.9	—	—	0.725	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.1	—	—	0.725	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.1	—	—	0.725	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51	—	—	0.725	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52	—	—	0.73	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.7	—	—	0.73	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00991	0.00701	0.0496	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0037	0.036	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00891	0.0083	0.037	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00492	0.0028	0.032	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00145	0.0018	0.025	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	19.6	—	—	1	µg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.99	—	—	0.05	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.33	1.38	5.41	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.847	1.3	5	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.2	1.7	5.8	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.09	1.1	3.8	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.96	1.6	5.1	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.37	—	—	0.067	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.39	—	—	0.067	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.39	—	—	0.067	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.31	—	—	0.067	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.37	—	—	0.066	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.29	—	—	0.066	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.49	1.4	5.98	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.08	1.3	4.2	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.443	1.7	5.8	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.035	1.2	3.9	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.57	1.4	5	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0636	—	—	0.033	mg/L	Y	J	J	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.179	—	—	0.033	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0845	—	—	0.033	mg/L	Y	J	J	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.136	—	—	0.033	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.157	0.658	2.94	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.309	0.54	2	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.776	0.3	0.91	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.16	0.98	2.8	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	09/14/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.287	0.5	2	—	pCi/L	Y	U	U	09-3216	CAPA-09-12168	GELC
R-18	1358	09/14/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.583	0.69	2.5	—	pCi/L	Y	U	U	09-3216	CAPA-09-12172	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.377	0.338	1.17	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.12	0.81	2.4	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.43	0.85	2.4	—	pCi/L	Y	—	J-	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.19	1.2	2.7	—	pCi/L	Y	—	NQ	11-236	CAPA-10-27415	GELC
R-18	1358	09/14/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.18	0.69	2.2	—	pCi/L	Y	U	U	09-3216	CAPA-09-12168	GELC
R-18	1358	09/14/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.782	0.78	2.7	—	pCi/L	Y	U	U	09-3216	CAPA-09-12172	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.9	—	—	0.453	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	—	0.453	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39	—	—	0.453	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	0.45	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.4	—	—	0.11	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.31	—	—	0.11	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.3	—	—	0.11	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.74	—	—	0.11	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.42	—	—	0.11	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.417	—	—	0.165	µg/L	Y	J	J	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.567	—	—	0.165	µg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.555	—	—	0.165	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.646	—	—	0.165	µg/L	Y	—	U	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.449	—	—	0.165	µg/L	Y	J	J	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.479	—	—	0.17	µg/L	Y	J	J	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.97	3.02	10.4	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.22	2.8	9.9	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.822	3.3	11	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.15	2.5	8.4	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.4	10	32	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.709	—	—	0.5	µg/L	Y	J	J	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.975	—	—	0.5	µg/L	Y	J	J	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.1	—	—	0.5	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.6	—	—	0.5	µg/L	Y	J	U	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.661	—	—	0.5	µg/L	Y	J	U	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.656	—	—	0.017	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.601	—	—	0.017	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.603	—	—	0.017	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.589	—	—	0.017	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.715	—	—	0.05	mg/L	Y	—	J+	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	—	0.05	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.246	—	—	0.05	µg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.239	—	—	0.05	µg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.237	—	—	0.05	µg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.233	—	—	0.05	µg/L	Y	—	NQ	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.227	—	—	0.05	µg/L	Y	—	NQ	11-2159	CAPA-11-9295	GELC
R-18	1358	10/21/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.241	—	—	0.05	µg/L	Y	—	NQ	11-237	CAPA-10-27417	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00549	0.0354	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000702	0.011	0.052	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00687	0.0095	0.023	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00218	0.0022	0.025	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0127	0.0052	0.037	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.011	0.011	0.0806	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000351	0.0078	0.041	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00458	0.0065	0.044	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0053	0.043	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0052	0.026	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.11	—	—	0.05	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.1	16.8	62.3	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.8	14	52	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-33.7	25	84	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.66	17	61	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.8	18	64	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.57	—	—	0.0851	µg/L	Y	—	NQ	2014-2936	CAPA-14-54777	GELC
R-18	1358	09/03/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.47	—	—	0.0833	µg/L	Y	—	NQ	2013-1795	CAPA-13-40943	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	09/03/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.8	—	—	0.0842	µg/L	Y	—	NQ	2013-1795	CAPA-13-40945	GELC
R-18	1358	03/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.46	—	—	0.086	µg/L	Y	—	NQ	2013-622	CAPA-13-28875	GELC
R-18	1358	07/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.12	—	—	0.0899	µg/L	Y	Q	NQ	12-1415	CAPA-12-17577	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.02	—	—	0.1	µg/L	Y	—	NQ	12-601	CAPA-12-2038	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.8	—	—	0.053	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.7	—	—	0.053	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.4	—	—	0.053	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.6	—	—	0.053	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.8	—	—	0.053	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.19	—	—	0.1	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.28	—	—	0.1	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.96	—	—	0.1	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.26	—	—	0.1	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.48	—	—	0.1	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.15	—	—	0.1	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0673	1.29	5.03	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.29	1.5	5	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.715	1.8	5.6	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.189	1.1	3.7	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.424	1.5	5	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	µS/cm	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	1	µS/cm	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	µS/cm	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.9	—	—	1	µg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.7	—	—	1	µg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50	—	—	1	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.4	—	—	1	µg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	49.3	—	—	1	µg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.3	—	—	1	µg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.3	0.123	0.492	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0777	0.14	0.49	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.19	0.13	0.49	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0962	0.14	0.49	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.2	0.11	0.48	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	—	—	0.133	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	—	—	0.133	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.01	—	—	0.133	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.97	—	—	0.133	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.07	—	—	0.1	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.97	—	—	0.1	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	J	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.141	—	—	0.033	mg/L	Y	—	NQ	2014-2936	CAPA-14-54777	GELC
R-18	1358	09/03/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0341	—	—	0.033	mg/L	Y	J	J	2013-1795	CAPA-13-40943	GELC
R-18	1358	09/03/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-1795	CAPA-13-40945	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	03/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-622	CAPA-13-28875	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0649	—	—	0.035	mg/L	Y	J	J	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.586	—	—	0.33	mg/L	Y	J	J	2014-2936	CAPA-14-54777	GELC
R-18	1358	09/03/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.832	—	—	0.33	mg/L	Y	J	J	2013-1795	CAPA-13-40943	GELC
R-18	1358	09/03/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.69	—	—	0.33	mg/L	Y	J	J	2013-1795	CAPA-13-40945	GELC
R-18	1358	03/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.841	—	—	0.33	mg/L	Y	J	J	2013-622	CAPA-13-28875	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.54	—	—	0.33	mg/L	Y	J	J	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.475	—	—	0.33	mg/L	Y	J	J	11-3464	CAWA-11-27164	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.429	—	—	0.067	µg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.426	—	—	0.067	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.424	—	—	0.067	µg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.387	—	—	0.067	µg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.392	—	—	0.067	µg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.22	0.0284	0.0445	—	pCi/L	Y	—	NQ	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.22	0.036	0.063	—	pCi/L	Y	—	NQ	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.207	0.026	0.038	—	pCi/L	Y	—	NQ	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.251	0.032	0.045	—	pCi/L	Y	—	NQ	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.26	0.027	0.027	—	pCi/L	Y	—	NQ	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0232	0.011	0.0425	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.013	0.056	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0052	0.027	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0166	0.0075	0.035	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0113	0.0054	0.021	—	pCi/L	Y	U	U	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.158	0.0217	0.0416	—	pCi/L	Y	—	J	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.171	0.031	0.054	—	pCi/L	Y	—	NQ	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.149	0.021	0.033	—	pCi/L	Y	—	NQ	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.142	0.022	0.027	—	pCi/L	Y	—	NQ	11-236	CAPA-10-27415	GELC
R-18	1358	03/11/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.151	0.018	0.019	—	pCi/L	Y	—	NQ	10-2422	CAPA-10-12807	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.12	—	—	1	µg/L	Y	J	J	2014-2936	CAPA-14-54779	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.2	—	—	1	µg/L	Y	J	J	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.76	—	—	1	µg/L	Y	J	J	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.95	—	—	1	µg/L	Y	J	J	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.26	—	—	1	µg/L	Y	J	J	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.06	—	—	1	µg/L	Y	J	J	12-601	CAPA-12-2039	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	J-	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73	—	—	0.725	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.1	—	—	0.725	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	123	—	—	0.725	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	0.725	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.5	—	—	0.73	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00538	0.00761	0.0538	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00935	0.0042	0.037	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00378	0.0027	0.032	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00535	0.0031	0.036	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0129	0.0046	0.023	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0537	—	—	0.017	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.095	—	—	0.017	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.109	—	—	0.017	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0178	—	—	0.016	mg/L	Y	J	J	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	10.3	—	—	1	µg/L	Y	—	J	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.83	—	—	1	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	10.4	—	—	1	µg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	N	14.8	—	—	1	µg/L	Y	—	U	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	11.2	—	—	1	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.134	1.75	6.31	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-4.28	1.7	5.2	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.93	1.9	6.8	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.5	2.1	7.2	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.914	1.5	4.6	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	—	0.067	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.94	—	—	0.067	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.067	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.87	—	—	0.067	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.066	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.107	1.49	5.62	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.18	1.9	5.6	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.79	1.7	6.8	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.87	1.5	4.2	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.69	1.3	5.4	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0794	—	—	0.033	mg/L	Y	J	J	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0948	—	—	0.033	mg/L	Y	J	J	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.1	—	—	0.033	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.112	—	—	0.033	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0235	0.579	2.41	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.42	0.66	1.7	—	pCi/L	Y	U	UJ	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.94	0.94	2.7	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.34	0.99	2.6	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.43	0.94	2.4	—	pCi/L	Y	—	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.42	0.384	1.2	—	pCi/L	Y	—	NQ	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.68	1	2.6	—	pCi/L	Y	—	NQ	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.08	0.71	2.3	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.9	1.2	2.3	—	pCi/L	Y	—	NQ	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.122	0.53	2.1	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42	—	—	0.453	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.9	—	—	0.453	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.6	—	—	0.453	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.45	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.236	—	—	0.0833	µg/L	Y	J	J	2014-2971	CAWA-14-54747	GELC
R-25b	750	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.271	—	—	0.087	µg/L	Y	J	J	2013-1840	CAWA-13-40714	GELC
R-25b	750	03/21/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.337	—	—	0.0879	µg/L	Y	Q	NQ	2013-655	CAWA-13-28839	GELC
R-25b	750	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.312	—	—	0.0851	µg/L	Y	—	NQ	12-1446	CAWA-12-21591	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.57	—	—	0.1	µg/L	Y	—	NQ	12-639	CAWA-12-1978	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.6	—	—	0.11	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.02	—	—	0.11	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.4	—	—	0.11	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.73	—	—	0.11	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.9	—	—	0.11	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.737	—	—	0.165	µg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.965	—	—	0.165	µg/L	Y	—	U	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.793	—	—	0.165	µg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.47	—	—	0.165	µg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.8	—	—	0.17	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.91	2.81	9.77	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.5	3	11	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.3	2.7	9.5	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.07	2.8	8.9	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-7.15	12	40	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.627	—	—	0.5	µg/L	Y	J	J	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.951	—	—	0.5	µg/L	Y	J	J	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.16	—	—	0.5	µg/L	Y	J	U	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.654	—	—	0.5	µg/L	Y	J	J	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.28	—	—	0.5	µg/L	Y	J	J	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.782	—	—	0.017	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.625	—	—	0.017	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.679	—	—	0.017	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.825	—	—	0.085	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.463	—	—	0.01	mg/L	Y	—	J+	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.289	—	—	0.05	µg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	—	0.05	µg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.294	—	—	0.05	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.299	—	—	0.05	µg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	04/07/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.286	—	—	0.05	µg/L	Y	—	NQ	11-1969	CAWA-11-5338	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00289	0.00501	0.0373	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0075	0.0043	0.041	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00677	0.0059	0.035	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-4.77E-10	0.004	0.022	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0018	0.034	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00708	0.0849	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0075	0.005	0.032	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00339	0.0076	0.065	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.004	0.0057	0.033	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0018	0.0048	0.021	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.8	16.8	61.2	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.1	26	73	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	38	22	81	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.2	19	69	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-45.8	21	63	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.43	—	—	0.0833	µg/L	Y	—	NQ	2014-2971	CAWA-14-54747	GELC
R-25b	750	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.85	—	—	0.087	µg/L	Y	—	NQ	2013-1840	CAWA-13-40714	GELC
R-25b	750	03/21/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.96	—	—	0.0879	µg/L	Y	—	NQ	2013-655	CAWA-13-28839	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.29	—	—	0.0851	µg/L	Y	—	NQ	12-1446	CAWA-12-21591	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	7.24	—	—	0.1	µg/L	Y	—	NQ	12-639	CAWA-12-1978	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	52.7	—	—	0.053	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.2	—	—	0.053	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.1	—	—	0.053	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.2	—	—	0.053	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	56.3	—	—	0.053	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.74	—	—	0.1	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.32	—	—	0.1	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.45	—	—	0.1	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.297	1.38	5.27	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.38	1.7	5.8	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.565	1.6	5.2	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.87	1.7	6.2	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.315	1.6	5.1	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.6	—	—	1	µg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	69.5	—	—	1	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.7	—	—	1	µg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.1	—	—	1	µg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.3	—	—	1	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0402	0.139	0.482	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.122	0.14	0.48	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.25	0.15	0.49	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.271	0.15	0.49	—	pCi/L	Y	U	U	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0721	0.13	0.47	—	pCi/L	Y	U	U	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.56	—	—	0.133	mg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.78	—	—	0.133	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.11	—	—	0.133	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.42	—	—	0.133	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.79	—	—	0.1	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.33	—	—	0.3	µg/L	Y	HJ	J	2014-2971	CAWA-14-54747	GELC
R-25b	750	09/10/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.38	—	—	0.3	µg/L	Y	J	J	2013-1840	CAWA-13-40714	GELC
R-25b	750	03/21/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	2013-655	CAWA-13-28839	GELC
R-25b	750	07/23/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	12-1446	CAWA-12-21591	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	101	—	—	3.4	mg/L	Y	—	J	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	32.9	—	—	3.4	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	87.1	—	—	3.4	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.539	—	—	0.33	mg/L	Y	J	J	2014-2971	CAWA-14-54747	GELC
R-25b	750	09/10/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.822	—	—	0.33	mg/L	Y	J	J	2013-1840	CAWA-13-40714	GELC
R-25b	750	03/21/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.519	—	—	0.33	mg/L	Y	J	J	2013-655	CAWA-13-28839	GELC
R-25b	750	07/23/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.34	—	—	0.33	mg/L	Y	—	NQ	12-1446	CAWA-12-21591	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.791	—	—	0.33	mg/L	Y	J	J	12-639	CAWA-12-1978	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.347	—	—	0.067	µg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.353	—	—	0.067	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.442	—	—	0.067	µg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.971	—	—	0.067	µg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.11	—	—	0.067	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.207	0.0273	0.0469	—	pCi/L	Y	—	NQ	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.13	0.088	0.034	—	pCi/L	Y	—	NQ	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.22	0.11	0.065	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.82	0.15	0.068	—	pCi/L	Y	—	NQ	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.73	0.14	0.045	—	pCi/L	Y	—	NQ	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.014	0.00857	0.0448	—	pCi/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.028	0.009	0.03	—	pCi/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0221	0.01	0.047	—	pCi/L	Y	U	U	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0404	0.012	0.034	—	pCi/L	Y	—	NQ	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0376	0.011	0.037	—	pCi/L	Y	—	NQ	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.13	0.02	0.0438	—	pCi/L	Y	—	NQ	2014-2971	CAWA-14-54747	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.439	0.042	0.029	—	pCi/L	Y	—	NQ	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.393	0.048	0.056	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27115	GELC
R-25b	750	09/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.594	0.058	0.03	—	pCi/L	Y	—	NQ	10-4502	CAWA-10-25899	GELC
R-25b	750	04/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.601	0.057	0.033	—	pCi/L	Y	—	NQ	10-2870	CAWA-10-15174	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.2	—	—	1	µg/L	Y	J	J	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.35	—	—	1	µg/L	Y	J	J	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.73	—	—	1	µg/L	Y	J	J	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.26	—	—	1	µg/L	Y	J	J	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.76	—	—	1	µg/L	Y	J	J	12-639	CAWA-12-1977	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	15.6	—	—	3.3	µg/L	Y	—	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16.4	—	—	3.3	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	17.2	—	—	3.3	µg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	19.2	—	—	3.3	µg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.9	—	—	3.3	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-26 PZ-2	150	03/11/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.15	—	—	0.3	µg/L	Y	H	NQ	2014-2973	CAWA-14-54748	GELC
R-26 PZ-2	150	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.41	—	—	0.3	µg/L	Y	—	NQ	2013-1802	CAWA-13-40715	GELC
R-26 PZ-2	150	03/15/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.44	—	—	0.3	µg/L	Y	—	NQ	2013-637	CAWA-13-28840	GELC
R-26 PZ-2	150	07/16/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.41	—	—	0.3	µg/L	Y	—	NQ	12-1428	CAWA-12-17552	GELC
R-26 PZ-2	150	01/26/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.48	—	—	0.3	µg/L	Y	—	NQ	12-674	CAWA-12-1980	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	J-	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	—	0.01	SU	Y	H	J-	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.9	—	—	0.725	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.4	—	—	0.73	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46.3	—	—	0.73	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00798	0.00882	0.0533	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00722	0.0042	0.047	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00701	0.0041	0.042	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00213	0.0048	0.036	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00287	0.0038	0.042	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0185	—	—	0.017	mg/L	Y	J	J	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0372	—	—	0.017	mg/L	Y	J	U	2013-637	CAWA-13-28867	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0328	—	—	0.017	mg/L	Y	J	J	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0224	—	—	0.017	mg/L	Y	J	J	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.45	—	—	1	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.05	—	—	1	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	N	9.45	—	—	1	µg/L	Y	—	U	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	N	8.98	—	—	1	µg/L	Y	—	U	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	6.39	—	—	1	µg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.94	—	—	1	µg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0783	—	—	0.067	mg/L	Y	J	J	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0702	—	—	0.066	mg/L	Y	J	J	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.54	—	—	0.05	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.6	—	—	0.05	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.93	—	—	0.05	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.72	—	—	0.05	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.91	—	—	0.05	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.16	—	—	0.05	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.269	1.43	5.1	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.15	1.9	7	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.98	1.5	5.1	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.9	1.4	4.3	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.59	1.2	4.5	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.22	—	—	0.067	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.17	—	—	0.067	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.2	—	—	0.067	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.19	—	—	0.067	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.21	—	—	0.066	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.2	—	—	0.066	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.49	—	—	2	µg/L	Y	J	J	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	4.56	—	—	2	µg/L	Y	J	U	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.46	—	—	2	µg/L	Y	J	J	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.38	1.78	5.35	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.414	1.4	5.1	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.167	1.1	4.4	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.66	1.4	4.2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0195	1.7	5.5	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0965	—	—	0.033	mg/L	Y	J	J	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.104	—	—	0.033	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.127	—	—	0.033	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.112	—	—	0.033	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.35	0.454	2.48	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.392	0.69	2.8	—	pCi/L	Y	U	UJ	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.151	0.38	2.2	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.278	0.47	2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.588	0.7	2.7	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.14	0.421	1.24	—	pCi/L	Y	—	NQ	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.493	0.65	2.3	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.218	0.69	2.5	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.01	0.96	2.7	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.68	0.79	2.2	—	pCi/L	Y	—	NQ	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.4	—	—	0.453	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.8	—	—	0.453	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.3	—	—	0.453	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.5	—	—	0.453	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32	—	—	0.45	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.6	—	—	0.45	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.82	—	—	0.11	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.04	—	—	0.11	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.97	—	—	0.11	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.99	—	—	0.11	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.931	—	—	0.165	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.165	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.957	—	—	0.165	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.972	—	—	0.165	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.966	—	—	0.17	µg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.964	—	—	0.17	µg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.4	2.92	9.82	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.61	3.4	12	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.145	2.7	8.4	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.357	2.8	9	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.74	2.9	9.2	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.42	—	—	0.5	µg/L	Y	J	J	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2.35	—	—	0.5	µg/L	Y	—	U	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.15	—	—	0.5	µg/L	Y	J	J	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.13	—	—	0.5	µg/L	Y	J	J	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.48	—	—	0.5	µg/L	Y	J	J	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.88	—	—	0.5	µg/L	Y	J	J	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.459	—	—	0.017	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.356	—	—	0.017	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.318	—	—	0.017	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.437	—	—	0.085	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.368	—	—	0.05	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0777	—	—	0.01	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.223	—	—	0.05	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.233	—	—	0.05	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.226	—	—	0.05	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.248	—	—	0.05	µg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.219	—	—	0.05	µg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	09/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.216	—	—	0.05	µg/L	Y	—	J+	11-3633	CAWA-11-27174	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0119	0.0103	0.0385	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00239	0.0063	0.039	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00493	0.0035	0.03	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00258	0.0037	0.026	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00373	0.0065	0.033	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0112	0.0877	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00957	0.0068	0.031	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00493	0.0078	0.031	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00258	0.0045	0.049	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0037	0.054	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.07	—	—	0.05	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.31	—	—	0.05	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.27	—	—	0.05	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.3	—	—	0.05	mg/L	Y	—	J	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.22	—	—	0.05	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.4	15.6	52.7	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.85	32	59	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-22	16	57	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.9	18	58	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.5	18	53	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	53.6	—	—	0.053	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.1	—	—	0.053	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.3	—	—	0.053	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.2	—	—	0.053	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.8	—	—	0.053	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61	—	—	0.053	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8	—	—	0.1	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.12	—	—	0.1	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.89	—	—	0.1	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.83	—	—	0.1	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.72	—	—	0.1	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.65	—	—	0.1	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0872	1.56	5.94	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.123	1.5	5.8	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.932	1.3	5.3	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.631	1.6	5.2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.61	1.4	4.2	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	1	µS/cm	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	101	—	—	1	µS/cm	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	1	µS/cm	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	1	µS/cm	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	97.1	—	—	1	µS/cm	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	99.1	—	—	1	µS/cm	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	44.2	—	—	1	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48.3	—	—	1	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	46.5	—	—	1	µg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	46.8	—	—	1	µg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.247	0.121	0.43	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0439	0.13	0.48	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.278	0.15	0.48	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0602	0.14	0.49	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0483	0.12	0.46	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.42	—	—	0.133	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.18	—	—	0.133	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.21	—	—	0.133	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.17	—	—	0.133	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.25	—	—	0.1	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.26	—	—	0.1	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	88.6	—	—	3.4	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	90	—	—	3.4	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.552	—	—	0.33	mg/L	Y	J	J	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	03/15/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.757	—	—	0.33	mg/L	Y	J	J	2013-637	CAWA-13-28841	GELC
R-26 S1	651.8	07/26/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	12-1456	CAWA-12-17553	GELC
R-26 S1	651.8	07/26/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.19	—	—	0.33	mg/L	Y	—	NQ	12-1456	CAWA-12-17513	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.431	—	—	0.33	mg/L	Y	J	J	12-674	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.724	—	—	0.33	mg/L	Y	J	J	12-494	CAWA-12-1760	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.285	—	—	0.067	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.333	—	—	0.067	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.327	—	—	0.067	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.318	—	—	0.067	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.304	—	—	0.067	µg/L	Y	—	U	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.297	—	—	0.067	µg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.207	0.0253	0.0483	—	pCi/L	Y	—	NQ	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.174	0.024	0.037	—	pCi/L	Y	—	NQ	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.252	0.03	0.058	—	pCi/L	Y	—	NQ	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.171	0.026	0.055	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.023	0.05	—	pCi/L	Y	—	NQ	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0216	0.0102	0.0461	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0181	0.0075	0.033	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0082	0.0055	0.032	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0188	0.01	0.04	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0213	0.0092	0.024	—	pCi/L	Y	U	U	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.134	0.0202	0.0452	—	pCi/L	Y	—	NQ	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0853	0.017	0.031	—	pCi/L	Y	—	NQ	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.122	0.019	0.032	—	pCi/L	Y	—	NQ	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0884	0.019	0.048	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	08/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.117	0.017	0.03	—	pCi/L	Y	—	NQ	10-4174	CAWA-10-24737	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.35	—	—	1	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.68	—	—	1	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.68	—	—	1	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.91	—	—	1	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.35	—	—	1	µg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.29	—	—	1	µg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.7	—	—	3.3	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	19.6	—	—	3.3	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	12.7	—	—	3.3	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.1	—	—	3.3	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	14	—	—	3.3	µg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	12/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.1	—	—	3.3	µg/L	Y	—	NQ	12-495	CAWA-12-1761	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.39	—	—	0.01	SU	Y	H	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	J-	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	J-	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	J-	11-2728	CAWA-11-13974	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	J-	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.8	—	—	0.725	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.1	—	—	0.725	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	0.73	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.4	—	—	0.73	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.3	—	—	0.73	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	—	0.73	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00216	0.00716	0.0432	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00166	0.005	0.033	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00608	0.0045	0.034	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0066	0.007	0.022	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0118	0.0056	0.023	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-2.13E-10	0.0025	0.029	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00191	0.0043	0.031	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0242	—	—	0.017	mg/L	Y	J	J	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0482	—	—	0.017	mg/L	Y	J	J	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	5.37	—	—	1	µg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	6.02	—	—	1	µg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	6.91	—	—	1	µg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.71	—	—	1	µg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.73	—	—	1	µg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.73	—	—	1	µg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	J	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	J	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.08	1.91	6.11	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.9	1.8	6.6	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.15	1.4	4.4	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.752	1.3	4	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.17	1.5	4.7	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.202	1.3	4.1	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.53	1.6	4.9	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.067	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.63	—	—	0.066	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.6	—	—	0.066	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.65	—	—	0.066	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.6	—	—	0.066	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.76	—	—	2	µg/L	Y	J	J	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.01	—	—	2	µg/L	Y	J	J	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.82	—	—	2	µg/L	Y	J	J	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.57	—	—	2	µg/L	Y	J	J	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.847	1.65	5.86	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.14	1.5	6.2	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.99	1.3	4.9	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.29	1.3	3.9	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.524	1.4	4.8	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.842	1.5	5.2	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.87	1.6	5.9	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.111	—	—	0.033	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.135	—	—	0.033	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.152	—	—	0.033	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.153	—	—	0.033	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.505	0.542	2.86	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.691	0.68	2.5	—	pCi/L	Y	U	UJ	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.141	0.43	2.2	—	pCi/L	Y	U	UJ	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.932	0.66	2.2	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.346	0.45	2.3	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0143	0.3	1.4	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.109	0.42	1.8	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.961	0.42	1.37	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.365	0.81	2.9	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.261	0.66	2.6	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.652	0.72	2.4	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.57	1	2.9	—	pCi/L	Y	—	NQ	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.581	0.86	3	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.21	0.87	2.9	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.6	—	—	0.453	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.4	—	—	0.453	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35	—	—	0.45	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.8	—	—	0.45	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37	—	—	0.45	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.9	—	—	0.45	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	148	—	—	30	µg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	UJ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	85.2	—	—	30	µg/L	Y	J	J	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.44	—	—	0.11	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.72	—	—	0.11	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.39	—	—	0.11	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.52	—	—	0.11	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.59	—	—	0.11	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.5	—	—	0.11	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.55	—	—	2	µg/L	Y	J	J	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.35	—	—	2	µg/L	Y	J	J	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2	—	—	0.165	µg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.33	—	—	0.165	µg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.66	—	—	0.17	µg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.08	—	—	0.17	µg/L	Y	—	J	11-3513	CAWA-11-27180	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.76	—	—	0.17	µg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.76	—	—	0.17	µg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.43	3.37	11.6	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.329	2.7	9.7	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.698	3.3	11	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.98	3	9.1	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.27	3.1	11	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	12/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.02	3.4	10	—	pCi/L	Y	U	U	11-776	CAWA-11-2122	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.32	—	—	0.5	µg/L	Y	J	J	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.23	—	—	0.5	µg/L	Y	J	U	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.668	—	—	0.5	µg/L	Y	J	J	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.21	—	—	0.5	µg/L	Y	J	J	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.16	—	—	0.5	µg/L	Y	J	J	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.25	—	—	0.5	µg/L	Y	J	J	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.431	—	—	0.017	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	—	—	0.017	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.13	—	—	0.01	mg/L	Y	—	J+	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.3	—	—	0.05	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.323	—	—	0.05	mg/L	Y	—	J-	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.381	—	—	0.05	mg/L	Y	—	J-	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.248	—	—	0.05	µg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.235	—	—	0.05	µg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.234	—	—	0.05	µg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.246	—	—	0.05	µg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	—	0.05	µg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	04/07/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.235	—	—	0.05	µg/L	Y	—	NQ	11-1969	CAWA-11-5374	GELC
R-47i	840	04/07/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.259	—	—	0.05	µg/L	Y	—	NQ	11-1969	CAWA-11-5379	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00576	0.0108	0.0371	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00304	0.0068	0.05	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00191	0.0069	0.019	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00379	0.0033	0.029	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00215	0.0037	0.032	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00455	0.0039	0.03	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.01	0.0053	0.027	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00576	0.0108	0.0845	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00304	0.0053	0.039	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00764	0.0038	0.037	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00379	0.0038	0.039	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0068	0.045	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0114	0.0068	0.044	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00402	0.007	0.039	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.473	—	—	0.05	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.568	—	—	0.05	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.409	—	—	0.05	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	N	0.568	—	—	0.05	mg/L	Y	—	U	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.529	—	—	0.05	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.527	—	—	0.05	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	67.3	27.8	55.2	—	pCi/L	Y	UI	R	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.77	18	70	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.2	19	61	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.45	17	62	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-20.8	17	57	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.5	17	54	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-22.7	22	81	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.5	—	—	0.053	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.5	—	—	0.053	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.3	—	—	0.053	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.1	—	—	0.053	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.9	—	—	0.053	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.5	—	—	0.053	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.5	—	—	0.1	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.9	—	—	0.1	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.5	—	—	0.1	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.522	1.65	5.93	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.09	1.8	6.1	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.664	1.5	4.7	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.53	1.3	3.8	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.26	1.3	4.8	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.4	1.4	4.5	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.87	1.6	4.6	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µS/cm	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.4	—	—	1	µg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56.3	—	—	1	µg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	55.2	—	—	1	µg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	57.7	—	—	1	µg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	55.6	—	—	1	µg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.5	—	—	1	µg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.3	0.152	0.497	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.258	0.15	0.48	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.258	0.13	0.49	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.132	0.15	0.52	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.509	0.17	0.51	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.346	0.14	0.54	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.287	0.16	0.51	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.72	—	—	0.133	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.23	—	—	0.133	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.8	—	—	0.1	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.14	—	—	0.1	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.55	—	—	0.1	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.49	—	—	0.1	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	2.4	mg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	2.4	mg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.15	—	—	0.33	mg/L	Y	—	NQ	2014-3009	CAWA-14-54750	GELC
R-47i	840	03/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.86	—	—	0.33	mg/L	Y	—	NQ	2013-621	CAWA-13-28842	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-47i	840	01/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.32	—	—	0.33	mg/L	Y	—	NQ	12-644	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.13	—	—	0.33	mg/L	Y	—	NQ	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.64	—	—	0.33	mg/L	Y	—	U	11-2727	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.66	—	—	0.33	mg/L	Y	—	U	11-2727	CAWA-11-13977	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0416	—	—	0.017	mg/L	Y	J	J	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0956	—	—	0.015	mg/L	Y	—	U	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.037	—	—	0.015	mg/L	Y	J	J	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0426	—	—	0.015	mg/L	Y	J	U	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0323	—	—	0.015	mg/L	Y	J	U	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.388	—	—	0.067	µg/L	Y	—	NQ	2014-3009	CAWA-14-54771	GELC
R-47i	840	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.452	—	—	0.067	µg/L	Y	—	NQ	2013-621	CAWA-13-28868	GELC
R-47i	840	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.487	—	—	0.067	µg/L	Y	—	NQ	12-646	CAWA-12-1983	GELC
R-47i	840	09/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.677	—	—	0.067	µg/L	Y	—	NQ	11-3513	CAWA-11-27180	GELC
R-47i	840	06/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.529	—	—	0.067	µg/L	Y	—	NQ	11-2728	CAWA-11-13974	GELC
R-47i	840	06/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.533	—	—	0.067	µg/L	Y	—	NQ	11-2728	CAWA-11-13976	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.339	0.0292	0.0401	—	pCi/L	Y	—	NQ	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.44	0.045	0.041	—	pCi/L	Y	—	NQ	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.475	0.05	0.049	—	pCi/L	Y	—	NQ	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.341	0.036	0.045	—	pCi/L	Y	—	NQ	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.411	0.044	0.054	—	pCi/L	Y	—	NQ	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.319	0.039	0.042	—	pCi/L	Y	—	NQ	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.274	0.035	0.042	—	pCi/L	Y	—	NQ	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00897	0.00897	0.0382	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0165	0.0088	0.036	—	pCi/L	Y	U	U	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.02	0.011	0.035	—	pCi/L	Y	U	U	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.02	0.008	0.024	—	pCi/L	Y	U	U	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0151	0.0068	0.029	—	pCi/L	Y	U	U	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0111	0.0083	0.034	—	pCi/L	Y	U	U	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0223	0.0092	0.034	—	pCi/L	Y	U	U	11-1968	CAWA-11-5378	GELC
R-47i	840	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.0202	0.0374	—	pCi/L	Y	—	NQ	2014-3009	CAWA-14-54750	GELC
R-47i	840	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.158	0.024	0.034	—	pCi/L	Y	—	NQ	12-646	CAWA-12-1984	GELC
R-47i	840	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.181	0.026	0.042	—	pCi/L	Y	—	NQ	11-3513	CAWA-11-27179	GELC
R-47i	840	06/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.135	0.019	0.027	—	pCi/L	Y	—	NQ	11-2728	CAWA-11-13973	GELC
R-47i	840	06/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.022	0.032	—	pCi/L	Y	—	NQ	11-2728	CAWA-11-13977	GELC
R-47i	840	04/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.18	0.027	0.046	—	pCi/L	Y	—	NQ	11-1968	CAWA-11-5375	GELC
R-47i	840	04/07/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.138	0.023	0.046	—	pCi/L	Y	—	NQ	11-1968	CAWA-11-5378	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	0.01	SU	Y	H	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	J-	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	J-	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	J-	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	J-	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	J-	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	J-	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	0.725	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	0.725	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.2	—	—	0.73	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.7	—	—	0.73	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.3	—	—	0.73	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	0.73	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.73	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.7	—	—	0.73	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.04	0.0118	0.0471	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00243	0.0054	0.048	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00205	0.002	0.04	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00574	0.0043	0.032	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0044	0.03	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00187	0.0019	0.025	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00527	0.0047	0.024	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00769	0.0035	0.022	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00806	0.0058	0.023	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0454	—	—	0.017	mg/L	Y	J	J	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.082	—	—	0.017	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.28	—	—	1	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.17	—	—	1	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.93	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.25	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.18	—	—	1	µg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.85	—	—	1	µg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	10.5	—	—	1	µg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	10.3	—	—	1	µg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.91	—	—	0.05	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.9	—	—	0.05	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.96	—	—	0.05	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.73	1.46	4.57	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.39	1.7	6.2	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.273	1.7	6.1	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.898	1.3	4.1	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.12	1.3	4	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.73	1.1	3	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.38	1.5	5.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.886	1	3.5	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0393	1.5	4.8	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.067	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	—	0.066	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	—	0.066	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.31	—	—	0.066	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.31	—	—	0.066	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.066	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	—	0.066	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.618	1.49	5.59	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.594	2.1	7.6	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.1	1.9	6.6	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.963	1.4	4.8	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.57	1.4	5.2	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.51	1.4	3.8	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.207	1.3	4.4	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.159	1	3.4	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.55	1.7	6.2	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.121	—	—	0.033	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.196	—	—	0.033	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	—	0.033	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	—	0.033	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.033	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.167	—	—	0.033	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.78	0.469	1.49	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.14	0.68	2	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.49	0.78	2.2	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.63	0.93	2	—	pCi/L	Y	—	UJ	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.148	0.41	2.1	—	pCi/L	Y	U	UJ	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.716	0.73	2.6	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.615	0.55	2	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.75	0.91	1.4	—	pCi/L	Y	—	NQ	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.776	0.64	2.2	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.28	0.36	1.14	—	pCi/L	Y	—	NQ	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.183	0.54	2.2	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.193	0.77	2.8	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.809	0.68	2.3	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.628	0.74	2.6	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.81	0.79	2.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.67	0.87	2.6	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.56	1	2.2	—	pCi/L	Y	—	NQ	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.882	0.73	2.5	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.1	—	—	0.453	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	0.45	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.5	—	—	0.45	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	—	0.45	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38	—	—	0.45	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	0.45	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.1	—	—	0.45	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.26	—	—	0.11	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.28	—	—	0.11	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.41	—	—	0.11	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.61	—	—	0.165	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.58	—	—	0.165	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.46	—	—	0.17	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.51	—	—	0.17	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.5	—	—	0.17	µg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.46	—	—	0.17	µg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.58	—	—	0.17	µg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.42	—	—	0.17	µg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.14	2.41	8.62	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.31	3.6	13	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.91	2.9	11	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.36	3	8.8	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.04	3.2	11	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.53	2.4	8	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.56	2.7	9.4	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	01/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.95	3.4	12	—	pCi/L	Y	U	U	11-1036	CAWA-11-3192	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.48	—	—	0.5	µg/L	Y	J	J	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.53	—	—	0.5	µg/L	Y	J	U	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.928	—	—	0.5	µg/L	Y	J	J	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.966	—	—	0.5	µg/L	Y	J	J	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.864	—	—	0.5	µg/L	Y	J	J	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.817	—	—	0.5	µg/L	Y	J	J	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.18	—	—	0.5	µg/L	Y	J	J	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.07	—	—	0.5	µg/L	Y	J	J	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.349	—	—	0.017	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.278	—	—	0.017	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.485	—	—	0.05	mg/L	Y	—	J+	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.372	—	—	0.05	mg/L	Y	—	J+	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.279	—	—	0.05	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.282	—	—	0.05	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.79	—	—	0.05	mg/L	Y	—	J-	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.326	—	—	0.05	mg/L	Y	—	J-	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.337	—	—	0.05	µg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.324	—	—	0.05	µg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/28/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.31	—	—	0.05	µg/L	Y	—	NQ	11-1812	CAWA-11-5384	GELC
R-48	1500	03/28/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	11-1812	CAWA-11-5383	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00785	0.0413	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00901	0.006	0.049	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0127	0.0098	0.042	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00283	0.0028	0.029	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00218	0.0031	0.022	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0118	0.0055	0.029	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00173	0.003	0.026	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.003	0.027	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0023	0.029	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00784	0.094	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.012	0.0074	0.039	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00254	0.0057	0.033	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-1.35E-09	0.0069	0.054	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00654	0.0049	0.042	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0176	0.0065	0.041	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0049	0.036	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00215	0.0037	0.04	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0065	0.043	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	J	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	J	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.26	—	—	0.05	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	J	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	J	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	35.6	19	37.9	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.3	20	71	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	16.9	18	75	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.4	15	48	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-14	16	51	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.5	15	49	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	2.82	19	71	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24	19	59	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-2.53	16	51	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	52.4	—	—	0.053	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	56.5	—	—	0.053	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55	—	—	0.053	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55.5	—	—	0.053	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	52.3	—	—	0.053	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	51.8	—	—	0.053	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	56.1	—	—	0.053	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55.7	—	—	0.053	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.245	1.16	4.58	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.895	1.7	6.4	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.18	1.6	6.6	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0154	1.1	3.6	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1	1.3	4.7	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.95	0.94	3.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.116	1.5	5.1	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.564	1.2	4	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.92	1.8	6.6	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	1	µS/cm	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	1	µS/cm	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.8	—	—	1	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.5	—	—	1	µg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.3	—	—	1	µg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0474	0.0489	0.164	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.337	0.15	0.48	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0133	0.14	0.49	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.465	0.16	0.49	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0895	0.14	0.48	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.216	0.15	0.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.15	0.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0392	0.13	0.49	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0239	0.14	0.5	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	—	—	0.133	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.1	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.31	—	—	0.1	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.84	—	—	0.1	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.83	—	—	0.1	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.15	—	—	0.1	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.12	—	—	0.1	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	74.3	—	—	3.4	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	J	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	J	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.476	—	—	0.33	mg/L	Y	J	J	2014-2938	CAWA-14-54751	GELC
R-48	1500	03/20/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.464	—	—	0.33	mg/L	Y	J	J	2013-652	CAWA-13-28843	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.417	—	—	0.33	mg/L	Y	J	J	12-604	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.448	—	—	0.33	mg/L	Y	J	J	12-604	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.337	—	—	0.33	mg/L	Y	J	J	11-3579	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.407	—	—	0.33	mg/L	Y	J	J	11-3579	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-2747	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-2747	CAWA-11-14013	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.597	—	—	0.067	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.577	—	—	0.067	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.532	—	—	0.067	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.528	—	—	0.067	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.619	—	—	0.067	µg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.601	—	—	0.067	µg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.54	—	—	0.067	µg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.498	—	—	0.067	µg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.345	0.0325	0.0469	—	pCi/L	Y	—	NQ	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.44	0.054	0.064	—	pCi/L	Y	—	NQ	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.372	0.041	0.044	—	pCi/L	Y	—	NQ	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.357	0.045	0.064	—	pCi/L	Y	—	NQ	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.39	0.047	0.062	—	pCi/L	Y	—	NQ	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.346	0.045	0.08	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14011	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.358	0.041	0.06	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.365	0.042	0.041	—	pCi/L	Y	—	NQ	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.32	0.042	0.046	—	pCi/L	Y	—	NQ	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0245	0.0105	0.0447	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00518	0.0052	0.056	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0177	0.008	0.038	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0175	0.011	0.046	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0212	0.0096	0.045	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0269	0.011	0.043	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00672	0.0082	0.032	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0145	0.009	0.033	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00828	0.014	0.038	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.0226	0.0438	—	pCi/L	Y	—	NQ	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.205	0.033	0.054	—	pCi/L	Y	—	NQ	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.203	0.028	0.037	—	pCi/L	Y	—	NQ	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.213	0.034	0.056	—	pCi/L	Y	—	NQ	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.213	0.031	0.054	—	pCi/L	Y	—	NQ	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.246	0.035	0.048	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.245	0.031	0.036	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14013	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.159	0.024	0.045	—	pCi/L	Y	—	NQ	11-1812	CAWA-11-5380	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.218	0.032	0.052	—	pCi/L	Y	—	NQ	11-1812	CAWA-11-5385	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	11.1	—	—	1	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	11.6	—	—	1	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	10.8	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	10.6	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.91	—	—	1	µg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.77	—	—	1	µg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	06/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	11.2	—	—	1	µg/L	Y	—	NQ	11-2748	CAWA-11-14010	GELC
R-48	1500	06/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	11.1	—	—	1	µg/L	Y	—	NQ	11-2748	CAWA-11-14014	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	0.01	SU	Y	H	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.9	—	—	0.725	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.2	—	—	0.725	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.9	—	—	0.725	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.8	—	—	0.725	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.7	—	—	0.725	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00973	0.00584	0.0389	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0116	0.0082	0.038	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0079	0.051	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00202	0.0045	0.034	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0036	0.025	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	12.3	—	—	1	µg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	12.4	—	—	1	µg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	13.1	—	—	1	µg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	N	15.8	—	—	1	µg/L	Y	—	U	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	13.4	—	—	1	µg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.95	—	—	0.05	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.63	—	—	0.05	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10	—	—	0.05	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.74	—	—	0.05	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.85	1.81	4.64	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-4.65	1.6	4.7	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0024	1.6	5.5	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.727	1.5	4.9	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.946	1	3	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.14	—	—	0.067	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.09	—	—	0.067	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.11	—	—	0.067	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.15	—	—	0.067	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.13	—	—	0.067	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.93	1.99	6.68	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.53	2	5.9	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.222	1.2	4.7	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.87	1.8	4.1	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.82	1.8	5.2	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.07	—	—	0.033	mg/L	Y	J	J	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0738	—	—	0.033	mg/L	Y	J	J	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.089	—	—	0.033	mg/L	Y	J	J	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.111	—	—	0.033	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.1	0.821	2.81	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.139	0.34	1.7	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0362	0.33	1.8	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.439	0.54	2.2	—	pCi/L	Y	U	UJ	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.517	0.58	2.7	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.81	0.347	1.05	—	pCi/L	Y	—	NQ	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.248	0.51	1.9	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.1	0.65	2.1	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.211	0.73	2.8	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.419	0.77	2.7	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.4	—	—	0.453	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.4	—	—	0.453	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.7	—	—	0.453	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38	—	—	0.453	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.8	—	—	0.453	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.06	—	—	0.11	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.04	—	—	0.11	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.25	—	—	2	µg/L	Y	J	J	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.2	2.61	9.13	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.489	3.1	11	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.96	2.4	7.6	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.15	3	9.5	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	04/12/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.94	2.5	7.5	—	pCi/L	Y	U	U	11-2030	CAWA-11-4911	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.535	—	—	0.5	µg/L	Y	J	J	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.862	—	—	0.5	µg/L	Y	J	J	2013-1830	CAWA-13-40734	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.881	—	—	0.5	µg/L	Y	J	U	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.49	—	—	0.017	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.431	—	—	0.017	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.434	—	—	0.017	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.521	—	—	0.17	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.422	—	—	0.085	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.223	—	—	0.05	µg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.239	—	—	0.05	µg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.231	—	—	0.05	µg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.233	—	—	0.05	µg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	12/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.223	—	—	0.05	µg/L	Y	—	NQ	12-529	CAWA-12-1765	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00223	0.0059	0.0277	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00331	0.0099	0.054	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0202	0.013	0.04	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.01	0.0067	0.02	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00203	0.0054	0.03	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0334	0.0102	0.0476	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.0067	0.043	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0168	0.0076	0.042	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00402	0.0028	0.038	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.007	0.042	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.699	—	—	0.05	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.886	—	—	0.05	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.87	—	—	0.05	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.82	—	—	0.05	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.79	—	—	0.05	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.24	17.5	66.8	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.4	22	74	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.25	18	62	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.3	21	67	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.8	18	58	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.25	—	—	0.0821	µg/L	Y	—	NQ	2014-2933	CAWA-14-54752	GELC
R-63	1325	09/09/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.21	—	—	0.0842	µg/L	Y	—	NQ	2013-1830	CAWA-13-40716	GELC
R-63	1325	03/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.44	—	—	0.0865	µg/L	Y	—	NQ	2013-624	CAWA-13-28844	GELC
R-63	1325	07/24/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.25	—	—	0.086	µg/L	Y	—	NQ	12-1449	CAWA-12-17554	GELC
R-63	1325	04/04/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.47	—	—	0.0889	µg/L	Y	—	NQ	12-1191	CAWA-12-13004	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.7	—	—	0.053	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.3	—	—	0.053	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.5	—	—	0.053	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.5	—	—	0.053	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.5	—	—	0.053	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.65	—	—	0.1	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.14	—	—	0.1	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.47	—	—	0.1	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.89	—	—	0.1	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.06	—	—	0.1	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.355	1.52	5.91	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0641	1.6	6.1	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.665	1.1	4.1	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.458	1.6	5.2	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.666	1.1	3.3	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	1	µS/cm	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	1	µS/cm	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	104	—	—	1	µS/cm	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	1	µS/cm	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	1	µS/cm	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	49.9	—	—	1	µg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48	—	—	1	µg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.2	—	—	1	µg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.7	—	—	1	µg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.108	0.0841	0.295	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0526	0.14	0.49	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.115	0.14	0.48	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.113	0.14	0.49	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.267	0.13	0.5	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.14	—	—	0.133	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.22	—	—	0.133	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.22	—	—	0.133	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	—	0.133	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	80	—	—	3.4	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	87.1	—	—	3.4	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.605	—	—	0.33	mg/L	Y	J	J	2014-2933	CAWA-14-54752	GELC
R-63	1325	09/09/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.647	—	—	0.33	mg/L	Y	J	J	2013-1830	CAWA-13-40716	GELC
R-63	1325	03/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.879	—	—	0.33	mg/L	Y	J	J	2013-624	CAWA-13-28844	GELC
R-63	1325	07/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.07	—	—	0.33	mg/L	Y	—	NQ	12-1449	CAWA-12-17554	GELC
R-63	1325	04/04/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.619	—	—	0.33	mg/L	Y	J	J	12-1191	CAWA-12-13004	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.353	—	—	0.067	µg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.315	—	—	0.067	µg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.383	—	—	0.067	µg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.405	—	—	0.067	µg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.366	—	—	0.067	µg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.206	0.0276	0.0443	—	pCi/L	Y	—	NQ	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.198	0.027	0.036	—	pCi/L	Y	—	NQ	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.179	0.027	0.078	—	pCi/L	Y	—	NQ	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.213	0.029	0.044	—	pCi/L	Y	—	NQ	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.219	0.029	0.057	—	pCi/L	Y	—	NQ	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0198	0.0104	0.0423	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0029	0.0065	0.031	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00736	0.0074	0.043	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00298	0.0052	0.032	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00959	0.0056	0.031	—	pCi/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.144	0.0207	0.0414	—	pCi/L	Y	—	J	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.02	0.03	—	pCi/L	Y	—	NQ	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.107	0.019	0.043	—	pCi/L	Y	—	NQ	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.162	0.023	0.038	—	pCi/L	Y	—	NQ	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.158	0.023	0.034	—	pCi/L	Y	—	NQ	11-2742	CAWA-11-14624	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.18	—	—	1	µg/L	Y	J	J	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.49	—	—	1	µg/L	Y	J	J	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.97	—	—	1	µg/L	Y	J	J	2013-624	CAWA-13-28870	GELC

Table C-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.87	—	—	1	µg/L	Y	J	J	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.33	—	—	1	µg/L	Y	J	J	12-1191	CAWA-12-13005	GELC

Appendix D

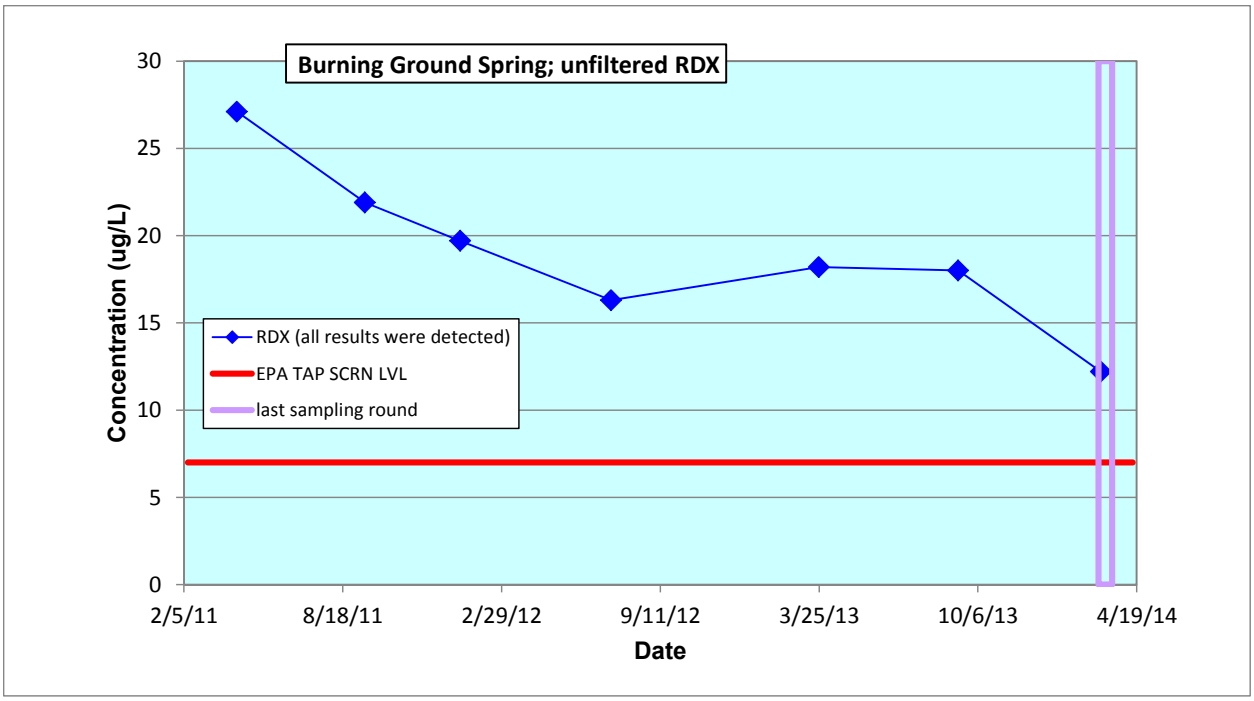
Groundwater Results Greater Than Half of Screening Levels

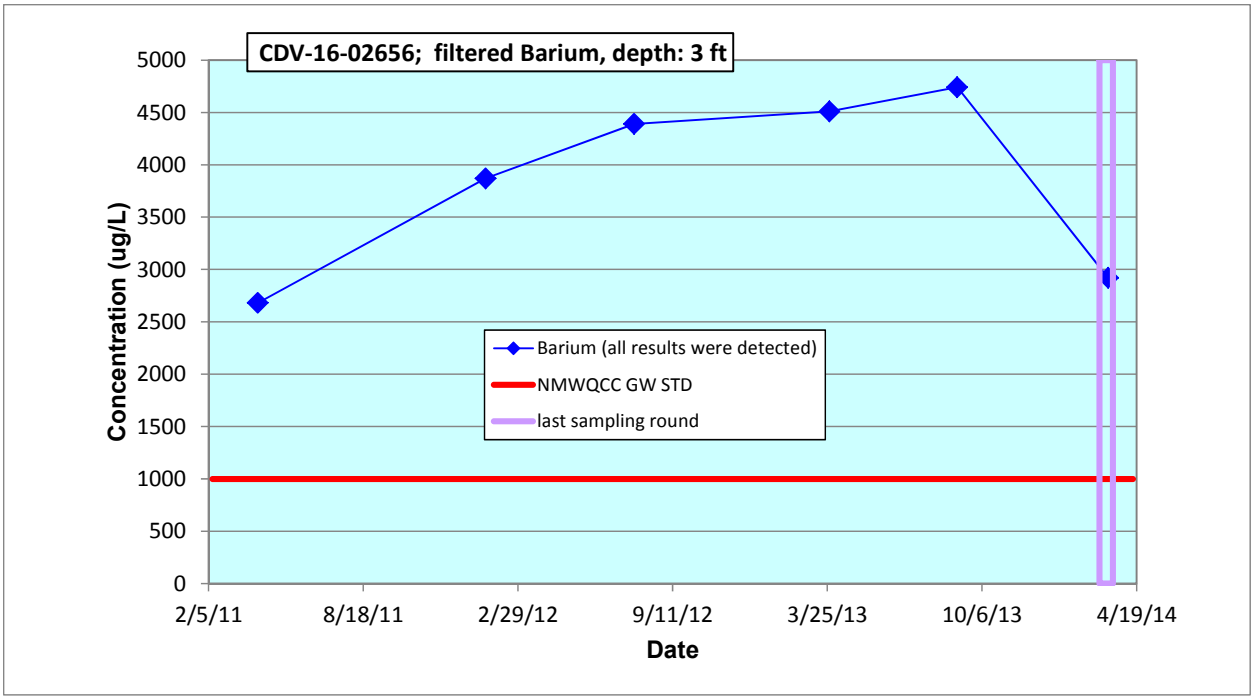
Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Level	Reporting Level Code	Result/Screening Level
Alluvial	CDV-16-02659	1.7	03/10/14	High Explosives	RDX[a]	121-82-4	UF[b]	INIT[c]	REG[d]	Y[e]	5.39	0.0856	µg/L	2	—[f]	NQ[g]	NQ	Y	SW-846:8321A_MOD	GELC[h]	7	EPA TAP SCRN LVL[i]	0.77
Alluvial	CDV-16-611923	3.2	03/13/14	High Explosives	RDX	121-82-4	UF	INIT	REG	Y	3.67	0.0829	µg/L	2	Q[j]	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	0.52
Alluvial	CDV-16-02656	3	03/14/14	Metals	Barium	Ba	F[k]	INIT	REG	Y	2920	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	1000	NMWQCC GW STD[l]	2.92
Alluvial	CDV-16-02659	1.7	03/10/14	Metals	Barium	Ba	F	INIT	REG	Y	5350	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	1000	NMWQCC GW STD	5.35
Alluvial	CDV-16-611923	3.2	03/13/14	Metals	Barium	Ba	F	INIT	REG	Y	9130	1	µg/L	1	—	J+[m]	I6b[n]	Y	SW-846:6010B	GELC	1000	NMWQCC GW STD	9.13
Alluvial	CDV-16-611923	3.2	03/13/14	Metals	Manganese	Mn	F	INIT	REG	Y	111	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	200	NMWQCC GW STD	0.56
Intermediate	CdV-16-1(i)	624	03/20/14	High Explosives	RDX	121-82-4	UF	DL[o]	REG	Y	23.2	0.417	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	3.31
Intermediate	CdV-16-2(i)r	850	03/03/14	High Explosives	RDX	121-82-4	UF	DL	REG	Y	76.9	2.15	µg/L	50	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	10.99
Intermediate	CDV-16-4ip S1	815.6	03/17/14	High Explosives	RDX	121-82-4	UF	INIT	FD[p]	Y	120	2.15	µg/L	50	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	17.14
Intermediate	CDV-16-4ip S1	815.6	03/17/14	High Explosives	RDX	121-82-4	UF	DL	REG	Y	132	2.09	µg/L	50	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	18.86
Intermediate	CDV-16-4ip S1	815.6	12/18/13	High Explosives	RDX	121-82-4	UF	DL	REG	Y	148	2.12	µg/L	50	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	21.14
Intermediate	16-26644	130	03/05/14	VOC[q]	Tetrachloroethene	127-18-4	UF	INIT	REG	Y	3.16	0.3	µg/L	1	—	NQ	NQ	Y	SW-846:8260B	GELC	5	EPA MCL[r]	0.63
Intermediate Spring	Burning Ground Spring	—	03/06/14	High Explosives	RDX	121-82-4	UF	DL	REG	Y	12.2	0.194	µg/L	4	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	1.74
Intermediate Spring	Martin Spring	—	03/06/14	High Explosives	RDX	121-82-4	UF	DL	REG	Y	61.7	1.05	µg/L	25	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	8.81
Intermediate Spring	Martin Spring	—	03/06/14	Metals	Boron	B	F	INIT	REG	Y	898	15	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	750	NMWQCC GW STD	1.20
Regional	CdV-R-37-2 S2	1188.7	03/19/14	Metals	Manganese	Mn	F	INIT	REG	Y	177	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	200	NMWQCC GW STD	0.89
Regional	CdV-R-37-2 S2	1188.7	12/18/13	Metals	Manganese	Mn	F	INIT	REG	Y	179	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	200	NMWQCC GW STD	0.90

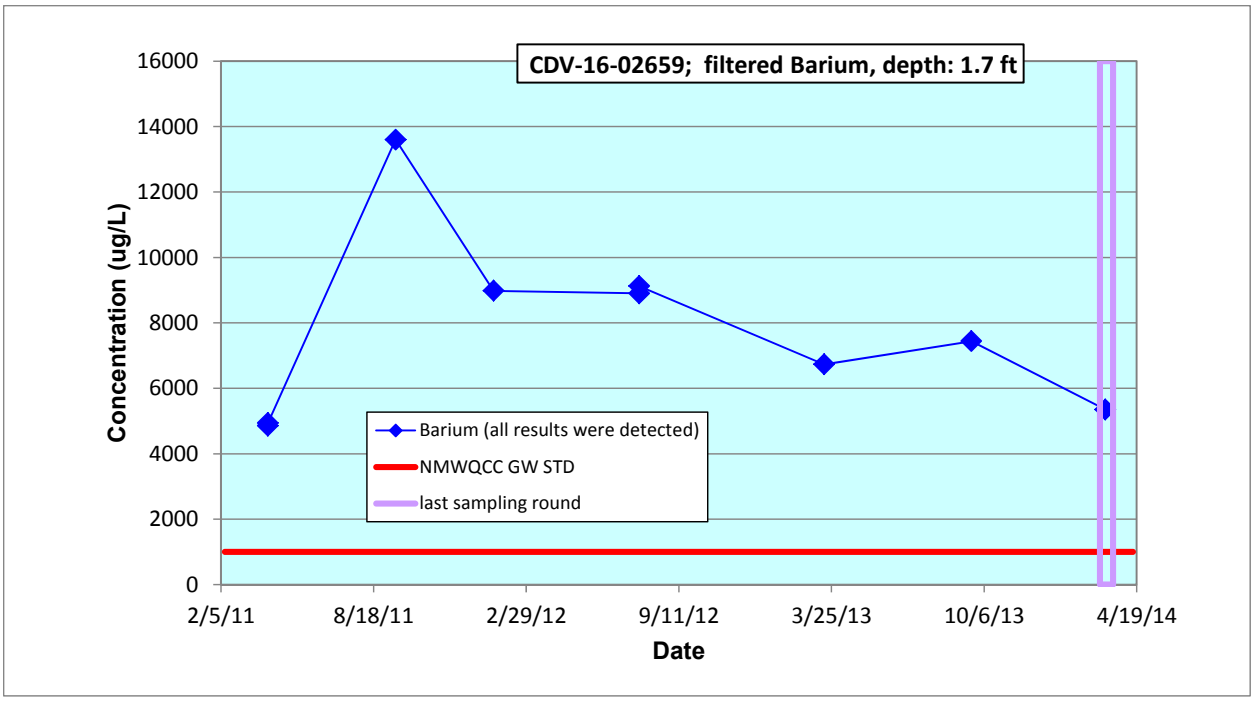
[a] RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine.
[b] UF = Unfiltered.
[c] INIT = Initial.
[d] REG = Regular.
[e] Y = Yes.
[f] — = None.
[g] NQ = Not qualified.
[h] GELC = General Engineering Laboratories, Inc., Charleston, SC.
[i] EPA TAP SCRN LVL = U.S. Environmental Protection Agency regional screening level for tap water.
[j] Q = One or more quality control criteria have not been met. Refer to the applicable narrative or data exception report.
[k] F = Filtered.
[l] NMWQCC GW STD = New Mexico Water Quality Control Commission groundwater standard.
[m] 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.
[n] I6b = The associated matrix spike recovery was above the upper acceptance limit. Follow the external laboratory limits located within the associated data package.
[o] DL = Dilution.
[p] FD = Field duplicate.
[q] VOC = Volatile organic compound.
[r] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.

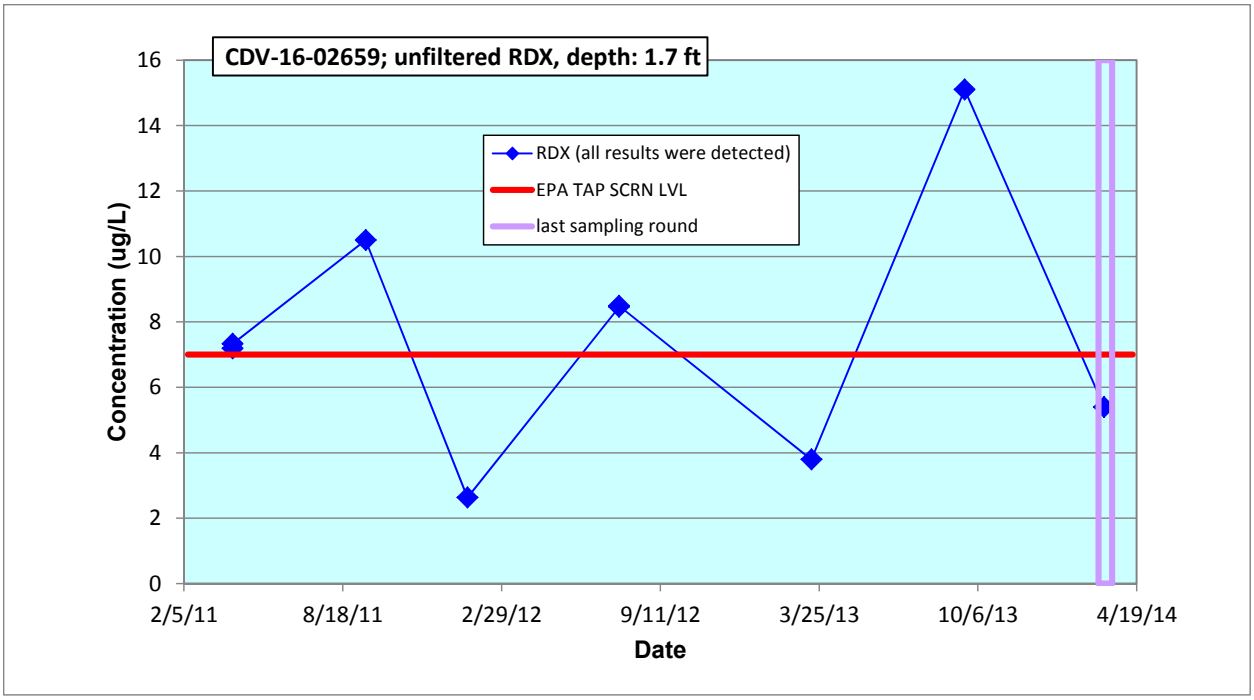
Appendix E

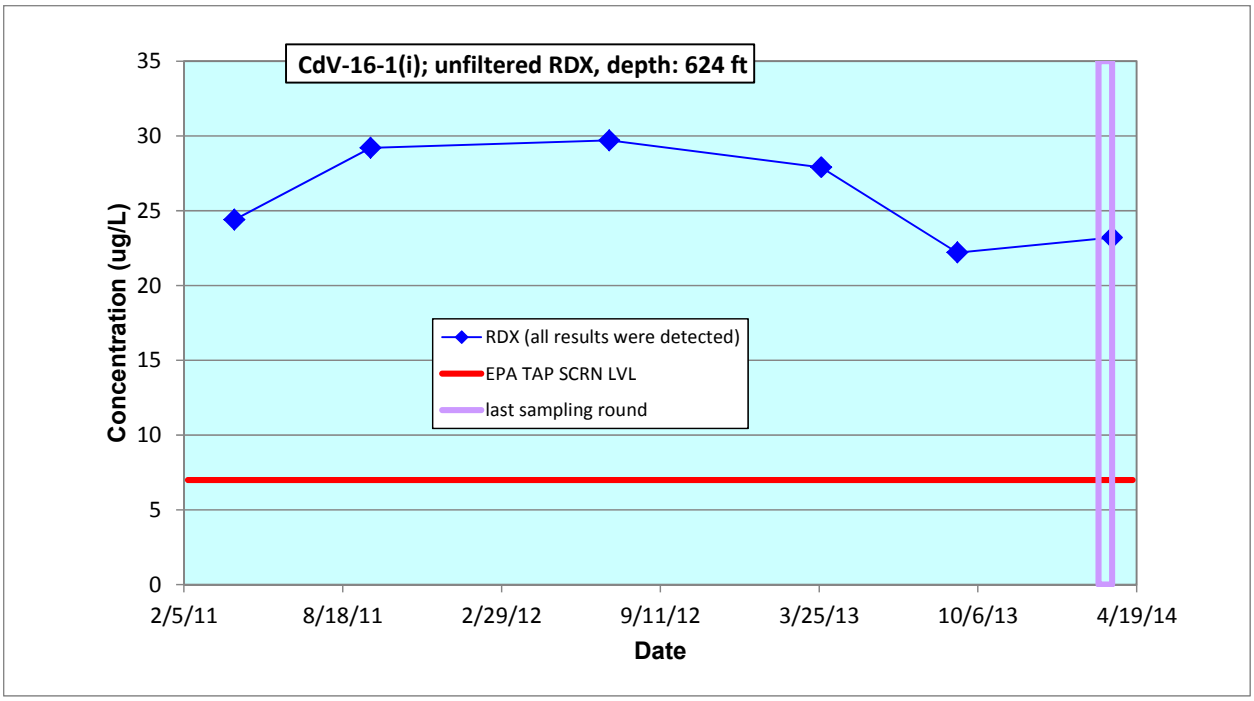
Analytical Chemistry Graphs of Screening-Level Exceedances

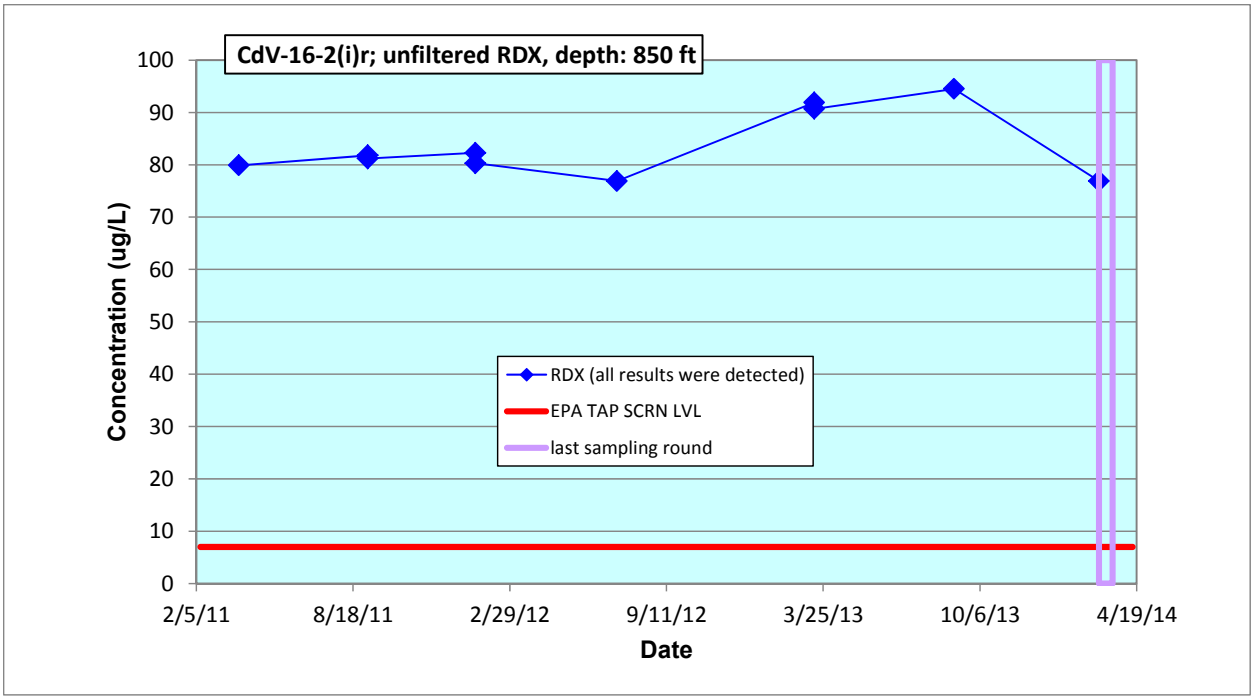

Burning Ground Spring; unfiltered RDX
Concentration (ug/L)
30
25
20
15
10
5
0
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date

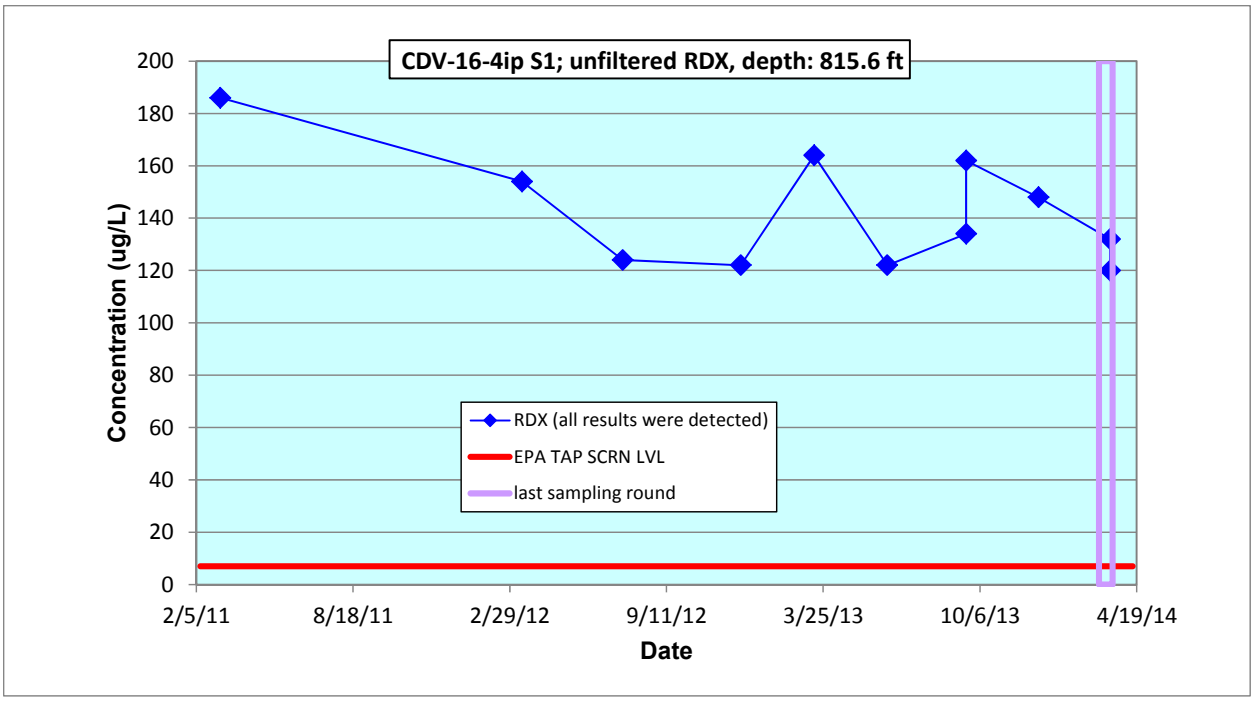

CDV-16-02656; filtered Barium, depth: 3 ft
Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Barium (all results were detected)
NMWQCC GW STD
last sampling round
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date

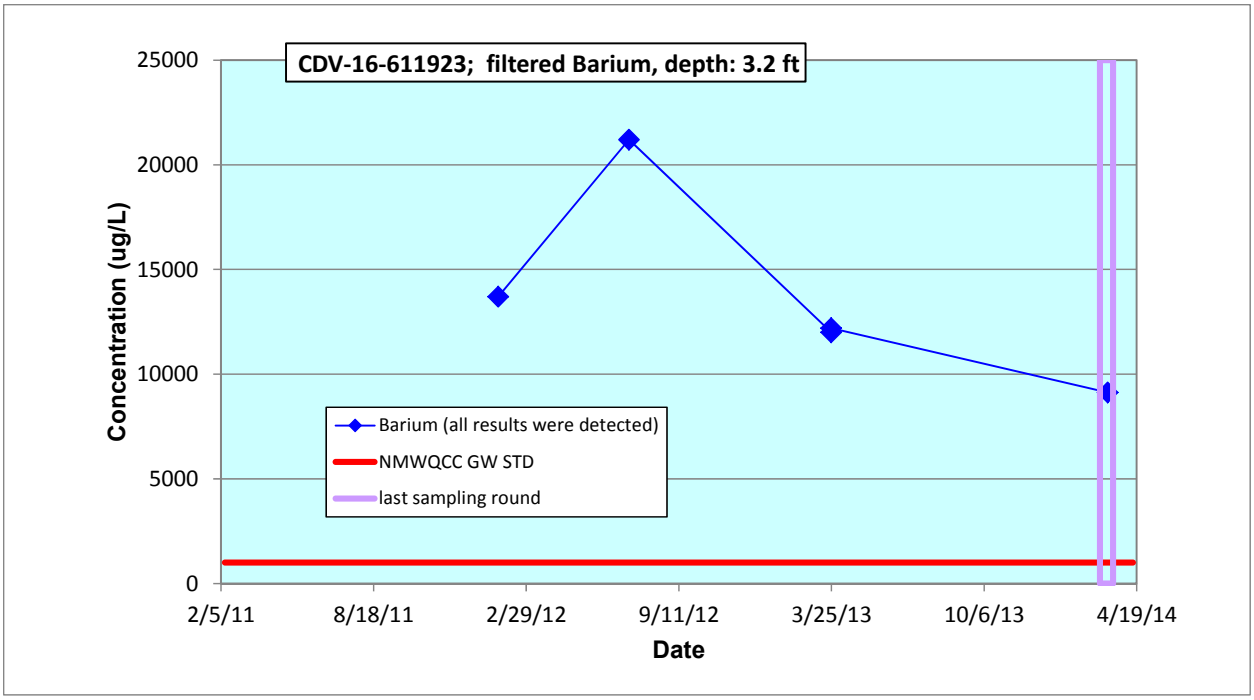

CDV-16-02659; filtered Barium, depth: 1.7 ft
Concentration (ug/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
Barium (all results were detected)
NMWQCC GW STD
last sampling round

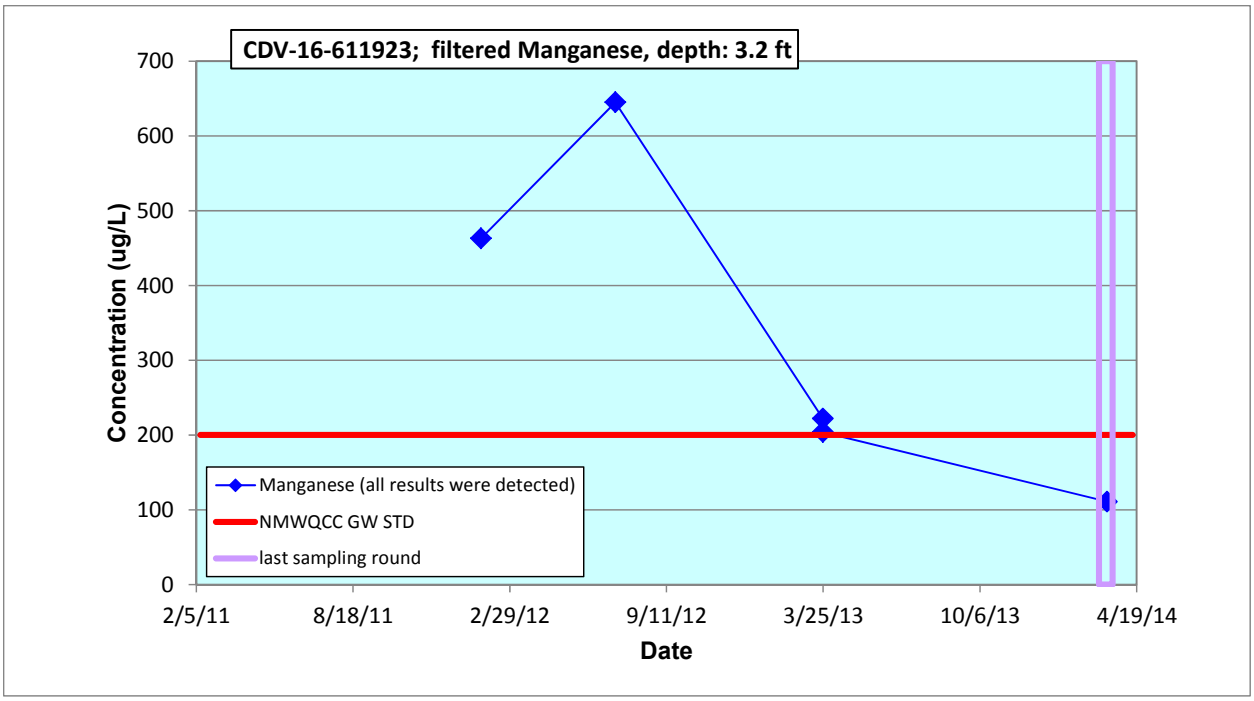

CDV-16-02659; unfiltered RDX, depth: 1.7 ft
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

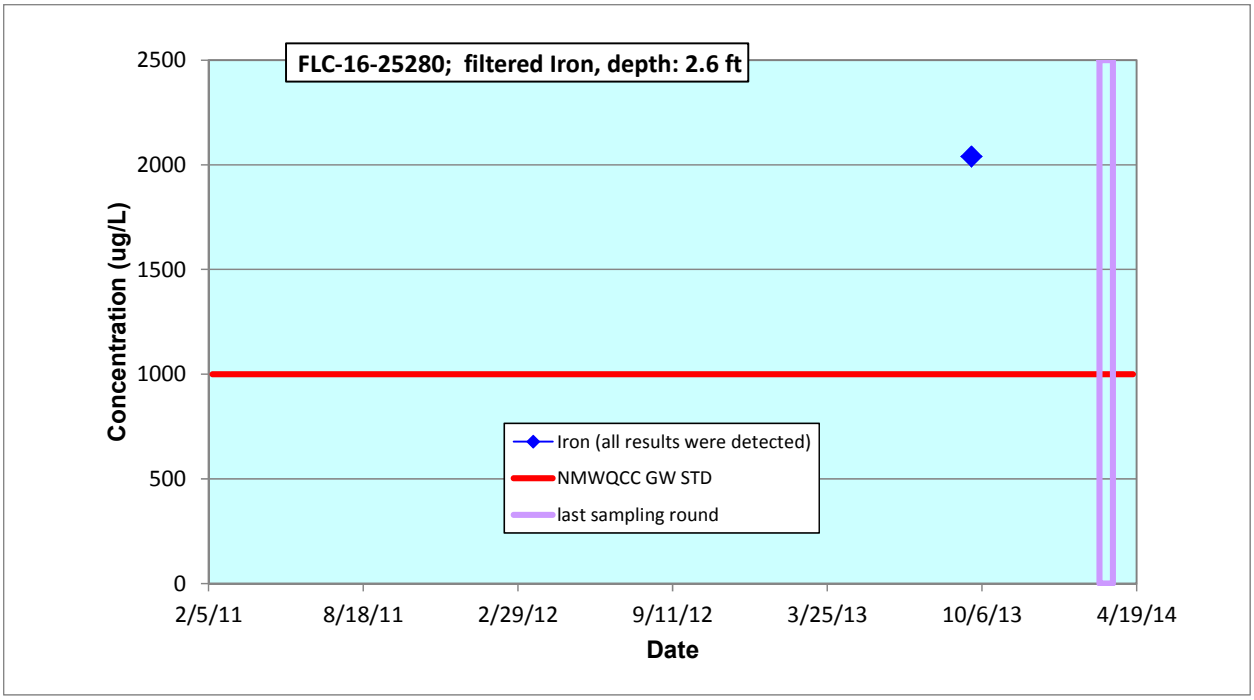

CdV-16-1(i); unfiltered RDX, depth: 624 ft
Concentration (ug/L)
35
30
25
20
15
10
5
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

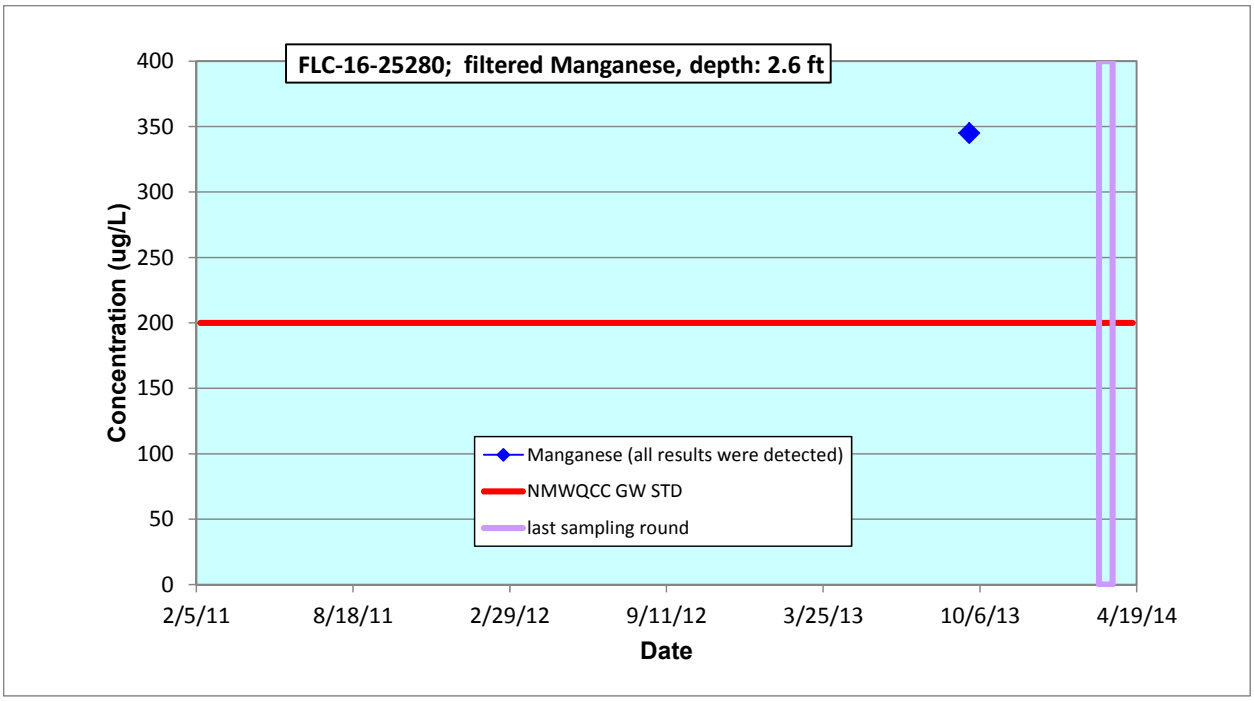

CdV-16-2(i)r; unfiltered RDX, depth: 850 ft
Concentration (ug/L)
100
90
80
70
60
50
40
30
20
10
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

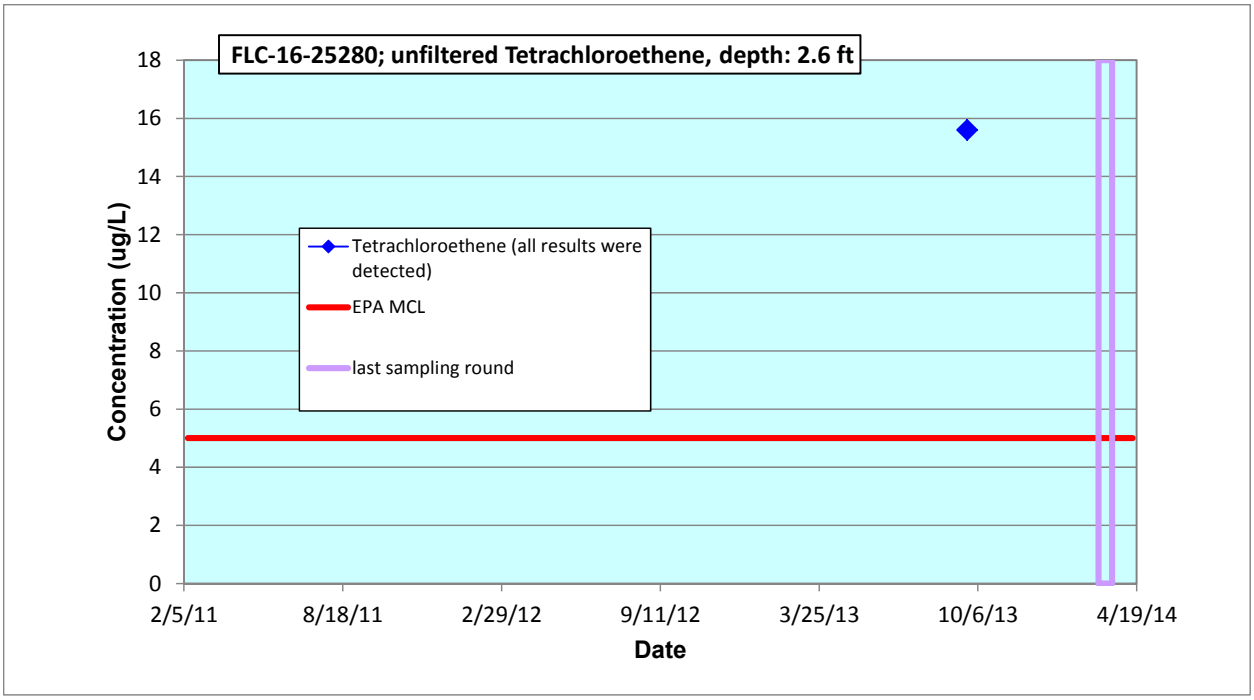

CDV-16-4ip S1; unfiltered RDX, depth: 815.6 ft
Concentration (ug/L)
200
180
160
140
120
100
80
60
40
20
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

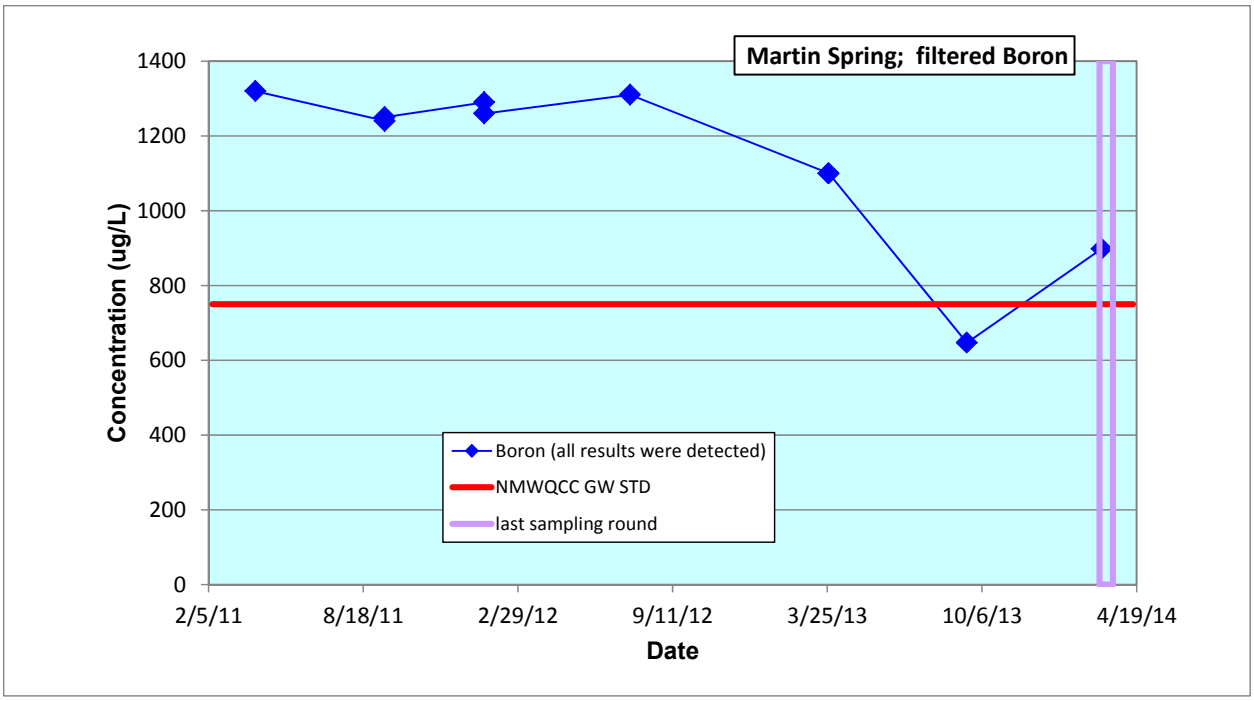

CDV-16-611923; filtered Barium, depth: 3.2 ft
Concentration (ug/L)
25000
20000
15000
10000
5000
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
Barium (all results were detected)
NMWQCC GW STD
last sampling round

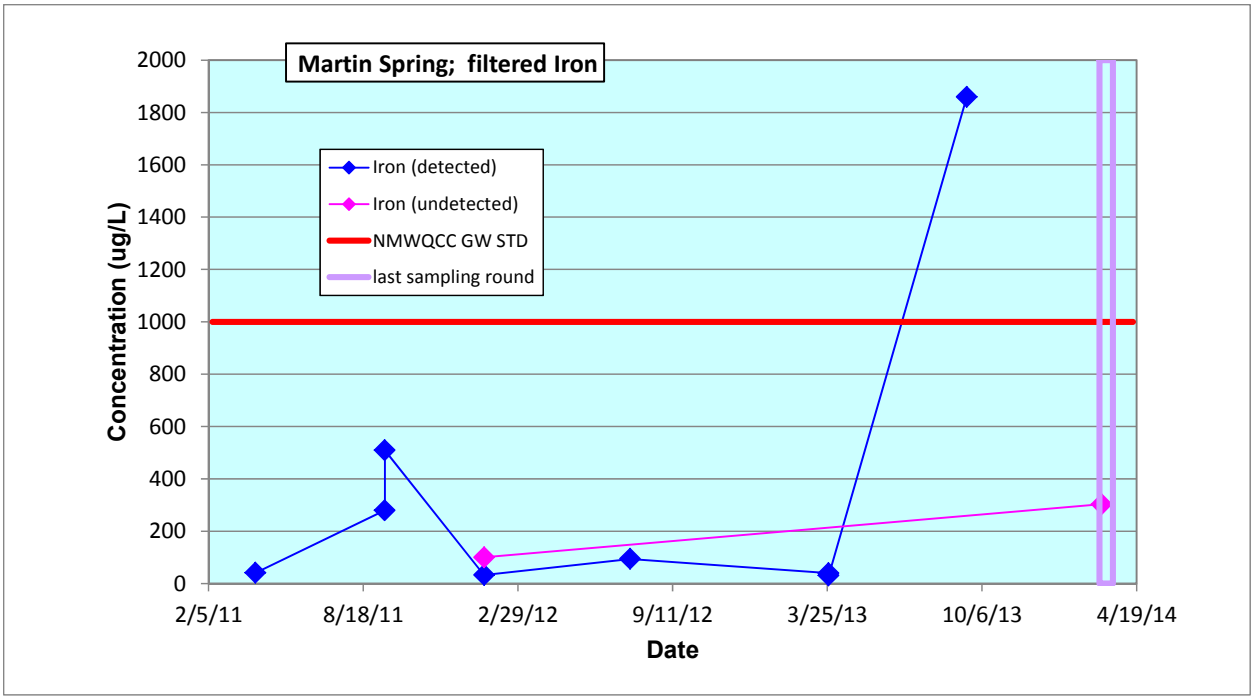

CDV-16-611923; filtered Manganese, depth: 3.2 ft
Concentration (ug/L)
700
600
500
400
300
200
100
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
Manganese (all results were detected)
NMWQCC GW STD
last sampling round

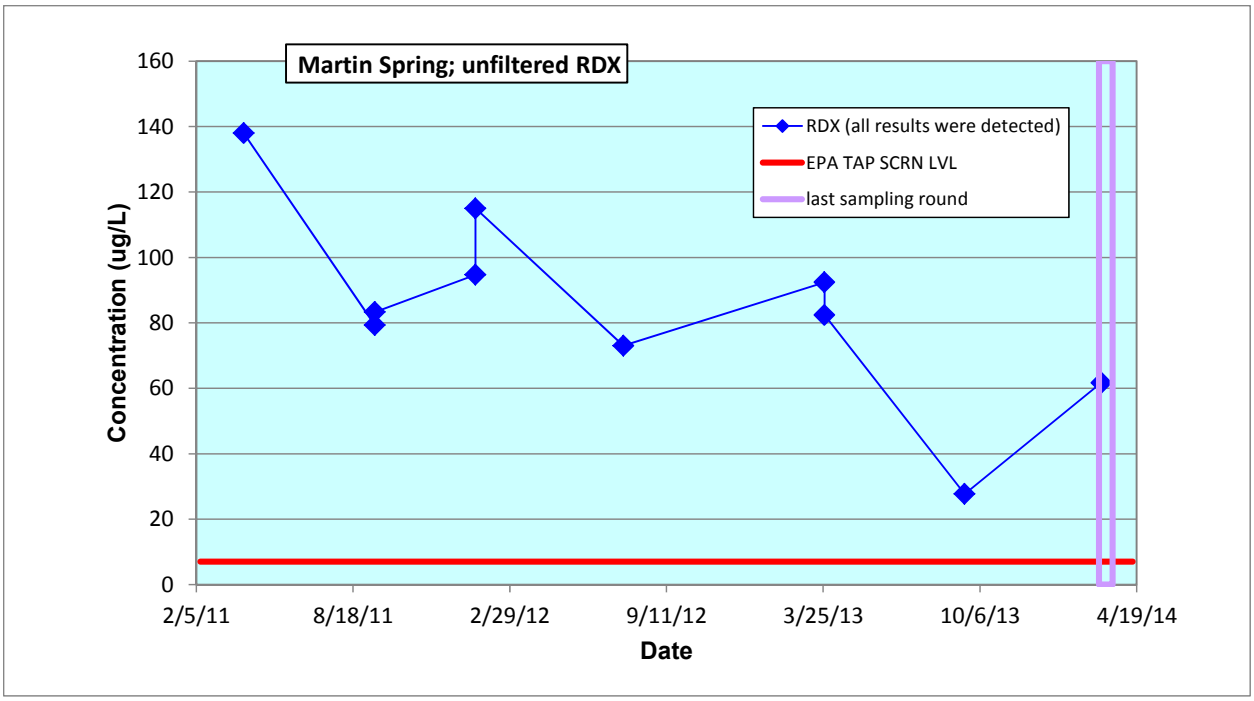

FLC-16-25280; filtered Iron, depth: 2.6 ft
Concentration (ug/L)
2500
2000
1500
1000
500
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
Iron (all results were detected)
NMWQCC GW STD
last sampling round

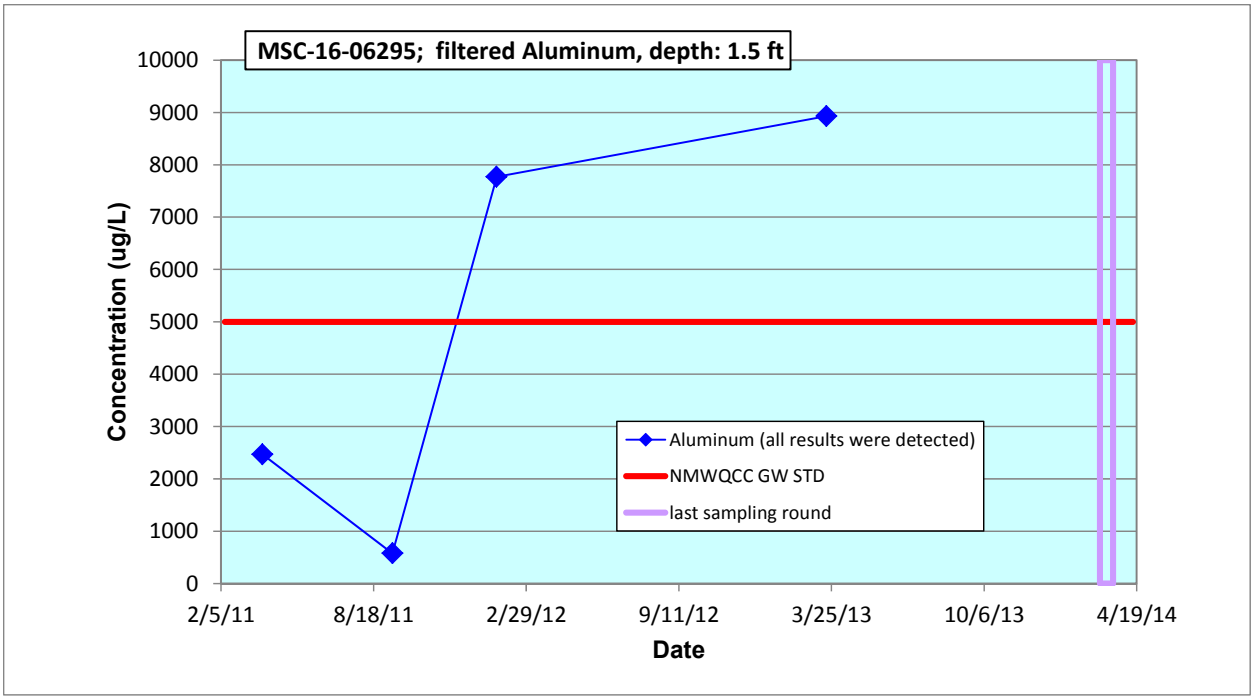

FLC-16-25280; filtered Manganese, depth: 2.6 ft
Concentration (ug/L)
400
350
300
250
200
150
100
50
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
Manganese (all results were detected)
NMWQCC GW STD
last sampling round

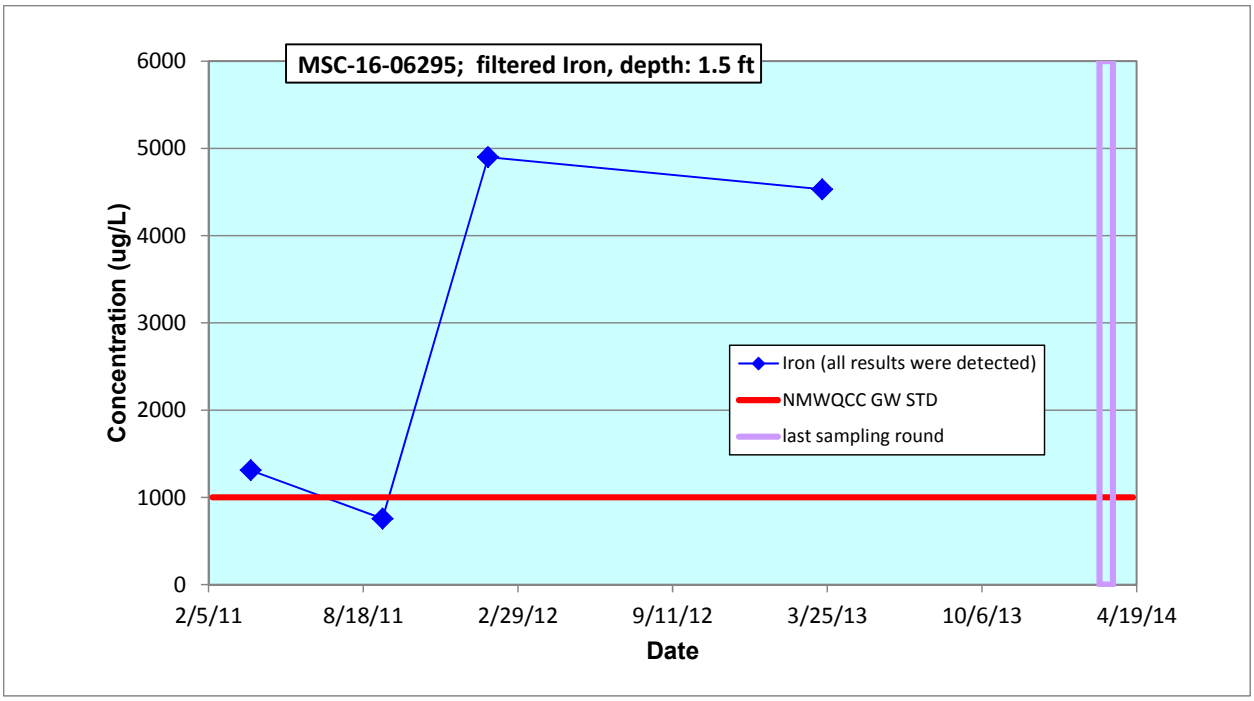

FLC-16-25280; unfiltered Tetrachloroethene, depth: 2.6 ft
Concentration (ug/L)
18
16
14
12
10
8
6
4
2
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
Tetrachloroethene (all results were detected)
EPA MCL
last sampling round

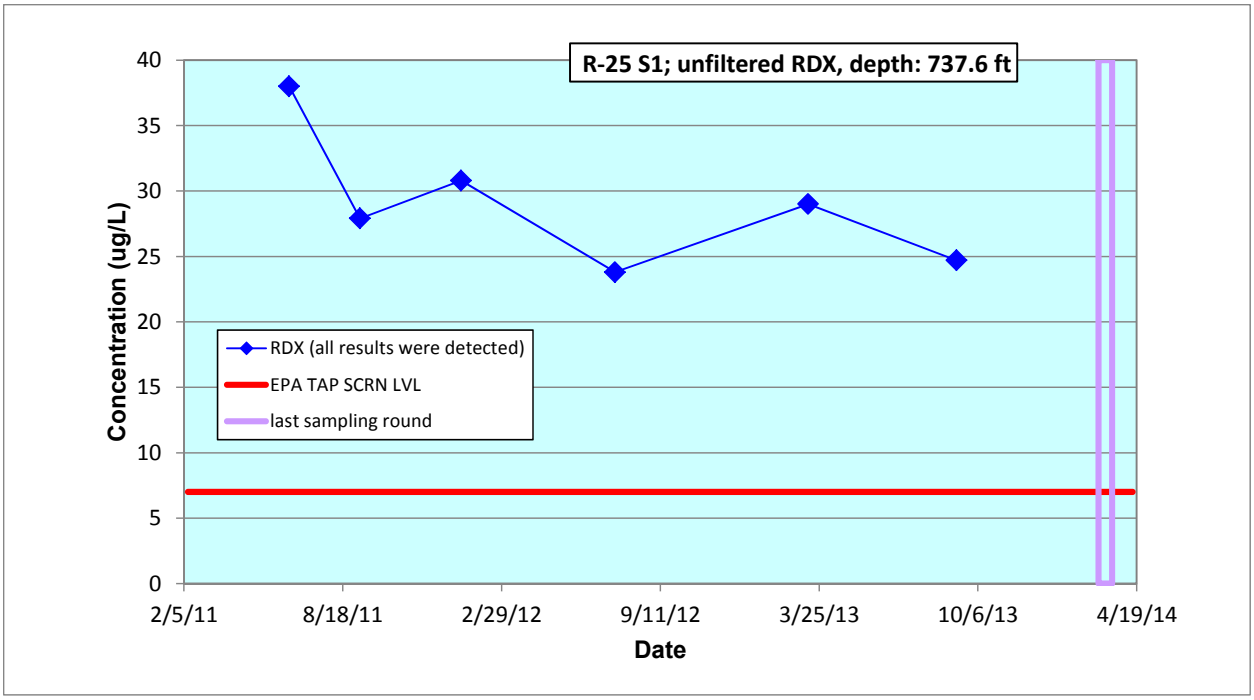

Martin Spring; filtered Boron
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
Boron (all results were detected)
NMWQCC GW STD
last sampling round

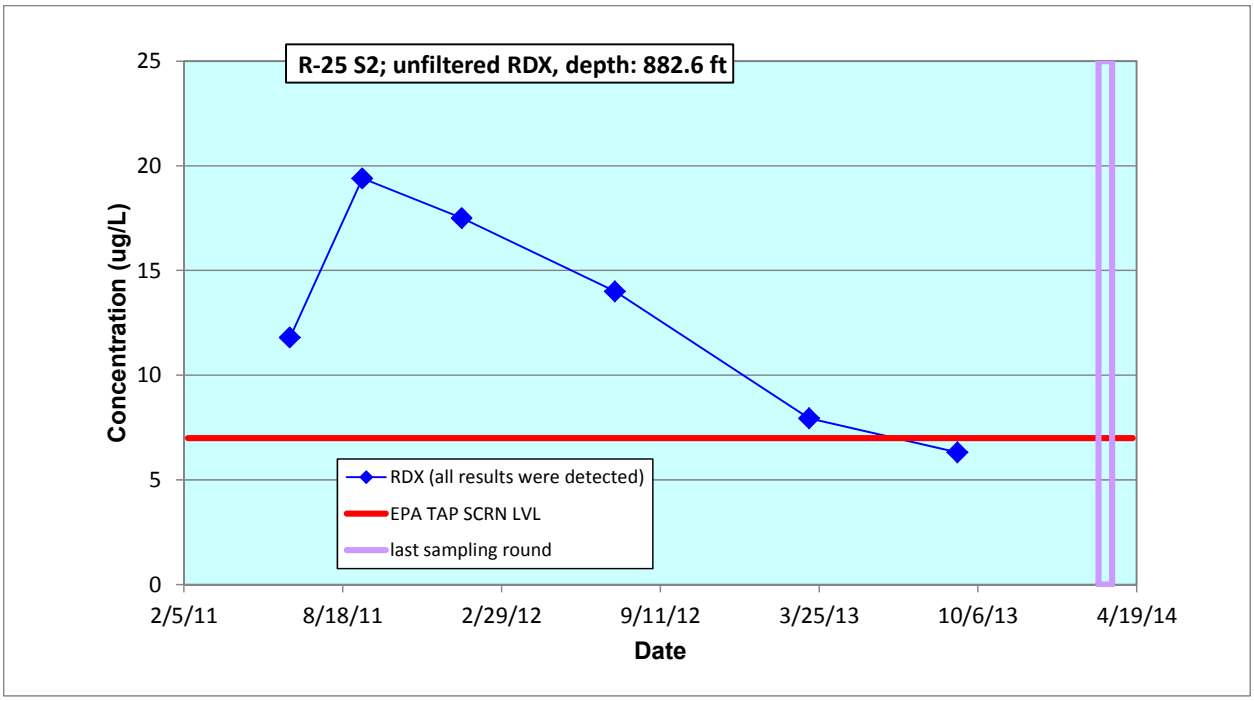

Martin Spring; filtered Iron
Concentration (ug/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
Iron (detected)
Iron (undetected)
NMWQCC GW STD
last sampling round

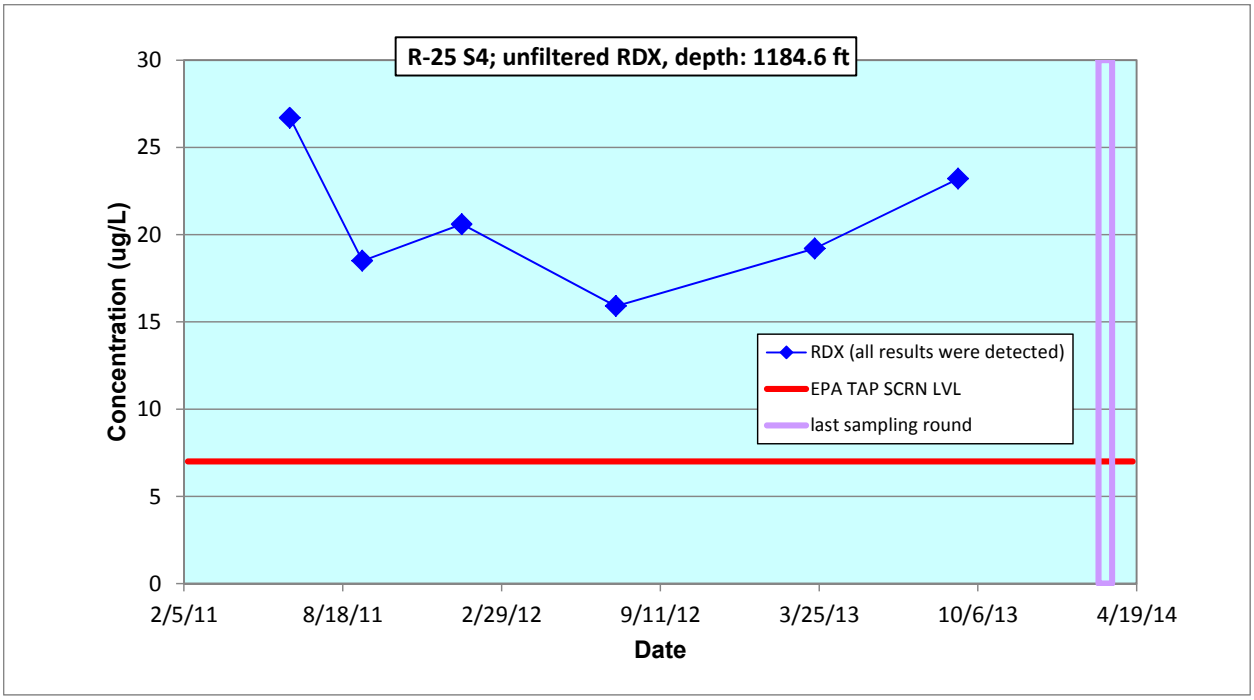

Martin Spring; unfiltered RDX
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
Concentration (ug/L)
160
140
120
100
80
60
40
20
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date


MSC-16-06295; filtered Aluminum, depth: 1.5 ft
Aluminum (all results were detected)
NMWQCC GW STD
last sampling round
Concentration (ug/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date


MSC-16-06295; filtered Iron, depth: 1.5 ft
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
Iron (all results were detected)
NMWQCC GW STD
last sampling round


R-25 S1; unfiltered RDX, depth: 737.6 ft
Concentration (ug/L)
40
35
30
25
20
15
10
5
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round


R-25 S2; unfiltered RDX, depth: 882.6 ft
Concentration (ug/L)
25
20
15
10
5
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round


R-25 S4; unfiltered RDX, depth: 1184.6 ft
Concentration (ug/L)
30
25
20
15
10
5
0
2/5/11
8/18/11
2/29/12
9/11/12
3/25/13
10/6/13
4/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-2709	Inorganic	GELC[a]	CAWA-14-46038	12/18/13	CDV-16-4ip S1	815.6	879.2
2014-2709	Inorganic	GELC	CAWA-14-46033	12/18/13	CdV-R-15-3 S4	1235.1	1278.9
2014-2709	Inorganic	GELC	CAWA-14-46034	12/18/13	CdV-R-15-3 S4	1235.1	1278.9
2014-2709	Inorganic	GELC	CAWA-14-46039	12/18/13	CdV-R-15-3 S4	1235.1	1278.9
2014-2709	Inorganic	GELC	CAWA-14-46040	12/18/13	CdV-R-37-2 S2	1188.7	1213.8
2014-2709	Inorganic	GELC	CAWA-14-46041	12/18/13	CDV-16-4ip S1	815.6	879.2
2014-2709	Inorganic	GELC	CAWA-14-46042	12/18/13	CdV-R-15-3 S4	1235.1	1278.9
2014-2709	Inorganic	GELC	CAWA-14-46043	12/18/13	CdV-R-37-2 S2	1188.7	1213.8
2014-2709	Organic	GELC	CAWA-14-46038	12/18/13	CDV-16-4ip S1	815.6	879.2
2014-2709	Organic	GELC	CAWA-14-46039	12/18/13	CdV-R-15-3 S4	1235.1	1278.9
2014-2709	Organic	GELC	CAWA-14-46033	12/18/13	CdV-R-15-3 S4	1235.1	1278.9
2014-2709	Organic	GELC	CAWA-14-46040	12/18/13	CdV-R-37-2 S2	1188.7	1213.8
2014-2932	Inorganic	GELC	CAWA-14-54738	03/03/14	CdV-16-2(i)r	850	859.7
2014-2932	Inorganic	GELC	CAWA-14-54759	03/03/14	CdV-16-2(i)r	850	859.7
2014-2932	Organic	GELC	CAWA-14-54738	03/03/14	CdV-16-2(i)r	850	859.7
2014-2932	Rad[b]	GELC	CAWA-14-54738	03/03/14	CdV-16-2(i)r	850	859.7
2014-2933	Inorganic	GELC	CAWA-14-54752	03/03/14	R-63	1325	1345.3
2014-2933	Inorganic	GELC	CAWA-14-54773	03/03/14	R-63	1325	1345.3
2014-2933	Organic	GELC	CAWA-14-54752	03/03/14	R-63	1325	1345.3
2014-2933	Rad	GELC	CAWA-14-54752	03/03/14	R-63	1325	1345.3
2014-2936	Inorganic	GELC	CAPA-14-54777	03/04/14	R-18	1358	1381
2014-2936	Inorganic	GELC	CAPA-14-54779	03/04/14	R-18	1358	1381
2014-2936	Organic	GELC	CAPA-14-54777	03/04/14	R-18	1358	1381
2014-2936	Rad	GELC	CAPA-14-54777	03/04/14	R-18	1358	1381
2014-2938	Inorganic	GELC	CAWA-14-54751	03/04/14	R-48	1500	1520.6
2014-2938	Inorganic	GELC	CAWA-14-54772	03/04/14	R-48	1500	1520.6
2014-2938	Organic	GELC	CAWA-14-54751	03/04/14	R-48	1500	1520.6
2014-2938	Rad	GELC	CAWA-14-54751	03/04/14	R-48	1500	1520.6
2014-2943	Inorganic	GELC	CAWA-14-54732	03/05/14	16-26644	130	145
2014-2943	Inorganic	GELC	CAWA-14-54753	03/05/14	16-26644	130	145
2014-2943	Organic	GELC	CAWA-14-54732	03/05/14	16-26644	130	145
2014-2943	Rad	GELC	CAWA-14-54732	03/05/14	16-26644	130	145
2014-2957	Inorganic	GELC	CAWA-14-54766	03/06/14	Martin Spring	—[c]	—
2014-2957	Inorganic	GELC	CAWA-14-54754	03/06/14	Burning Ground Spring	—	—
2014-2957	Inorganic	GELC	CAWA-14-54733	03/06/14	Burning Ground Spring	—	—
2014-2957	Inorganic	GELC	CAWA-14-54745	03/06/14	Martin Spring	—	—
2014-2957	Organic	GELC	CAWA-14-54745	03/06/14	Martin Spring	—	—
2014-2957	Organic	GELC	CAWA-14-54733	03/06/14	Burning Ground Spring	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-2957	Rad	GELC	CAWA-14-54733	03/06/14	Burning Ground Spring	—	—
2014-2957	Rad	GELC	CAWA-14-54745	03/06/14	Martin Spring	—	—
2014-2958	Inorganic	GELC	CAPA-14-54776	03/06/14	Bulldog Spring	—	—
2014-2958	Inorganic	GELC	CAPA-14-54778	03/06/14	Bulldog Spring	—	—
2014-2958	Organic	GELC	CAPA-14-54776	03/06/14	Bulldog Spring	—	—
2014-2958	Rad	GELC	CAPA-14-54776	03/06/14	Bulldog Spring	—	—
2014-2959	Inorganic	GELC	CAWA-14-54704	03/07/14	CDV-37-1(i)	632	652.5
2014-2959	Inorganic	GELC	CAWA-14-54762	03/07/14	CDV-37-1(i)	632	652.5
2014-2959	Inorganic	GELC	CAWA-14-54741	03/07/14	CDV-37-1(i)	632	652.5
2014-2959	Inorganic	GELC	CAWA-14-54707	03/07/14	CDV-37-1(i)	632	652.5
2014-2959	Organic	GELC	CAWA-14-54704	03/07/14	CDV-37-1(i)	632	652.5
2014-2959	Organic	GELC	CAWA-14-54741	03/07/14	CDV-37-1(i)	632	652.5
2014-2959	Rad	GELC	CAWA-14-54704	03/07/14	CDV-37-1(i)	632	652.5
2014-2959	Rad	GELC	CAWA-14-54741	03/07/14	CDV-37-1(i)	632	652.5
2014-2970	Inorganic	GELC	CAWA-14-54736	03/10/14	CDV-16-02659	1.7	6.7
2014-2970	Inorganic	GELC	CAWA-14-54755	03/10/14	Cañon de Valle below MDA P	—	—
2014-2970	Inorganic	GELC	CAWA-14-54757	03/10/14	CDV-16-02659	1.7	6.7
2014-2970	Inorganic	GELC	CAWA-14-54734	03/10/14	Cañon de Valle below MDA P	—	—
2014-2970	Organic	GELC	CAWA-14-54736	03/10/14	CDV-16-02659	1.7	6.7
2014-2970	Organic	GELC	CAWA-14-54734	03/10/14	Cañon de Valle below MDA P	—	—
2014-2970	Rad	GELC	CAWA-14-54736	03/10/14	CDV-16-02659	1.7	6.7
2014-2970	Rad	GELC	CAWA-14-54734	03/10/14	Cañon de Valle below MDA P	—	—
2014-2971	Inorganic	GELC	CAWA-14-54768	03/10/14	R-25b	750	770.8
2014-2971	Inorganic	GELC	CAWA-14-54747	03/10/14	R-25b	750	770.8
2014-2971	Organic	GELC	CAWA-14-54747	03/10/14	R-25b	750	770.8
2014-2971	Rad	GELC	CAWA-14-54747	03/10/14	R-25b	750	770.8
2014-2973	Organic	GELC	CAWA-14-54748	03/11/14	R-26 PZ-2	150	180
2014-2974	Inorganic	GELC	CAWA-14-54749	03/11/14	R-26 S1	651.8	669.9
2014-2974	Inorganic	GELC	CAWA-14-54770	03/11/14	R-26 S1	651.8	669.9
2014-2974	Organic	GELC	CAWA-14-54749	03/11/14	R-26 S1	651.8	669.9
2014-2974	Rad	GELC	CAWA-14-54749	03/11/14	R-26 S1	651.8	669.9
2014-2999	Inorganic	GELC	CAWA-14-54740	03/13/14	CDV-16-611923	3.2	8.2
2014-2999	Inorganic	GELC	CAWA-14-54761	03/13/14	CDV-16-611923	3.2	8.2
2014-2999	Organic	GELC	CAWA-14-54740	03/13/14	CDV-16-611923	3.2	8.2
2014-2999	Rad	GELC	CAWA-14-54740	03/13/14	CDV-16-611923	3.2	8.2
2014-3009	Inorganic	GELC	CAWA-14-54735	03/14/14	CDV-16-02656	3	8
2014-3009	Inorganic	GELC	CAWA-14-54771	03/14/14	R-47i	840	860.6
2014-3009	Inorganic	GELC	CAWA-14-54756	03/14/14	CDV-16-02656	3	8
2014-3009	Inorganic	GELC	CAWA-14-54750	03/14/14	R-47i	840	860.6

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-3009	Organic	GELC	CAWA-14-54735	03/14/14	CDV-16-02656	3	8
2014-3009	Organic	GELC	CAWA-14-54750	03/14/14	R-47i	840	860.6
2014-3009	Rad	GELC	CAWA-14-54735	03/14/14	CDV-16-02656	3	8
2014-3009	Rad	GELC	CAWA-14-54750	03/14/14	R-47i	840	860.6
2014-3019	Inorganic	GELC	CAWA-14-54760	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3019	Inorganic	GELC	CAWA-14-54703	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3019	Inorganic	GELC	CAWA-14-54706	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3019	Inorganic	GELC	CAWA-14-54739	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3019	Organic	GELC	CAWA-14-54703	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3019	Organic	GELC	CAWA-14-54739	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3019	Rad	GELC	CAWA-14-54703	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3019	Rad	GELC	CAWA-14-54739	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3020	Organic	CFA[d]	CAWA-14-54703	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3020	Organic	CFA	CAWA-14-54739	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3022	Inorganic	GELC	CAWA-14-54763	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3022	Inorganic	GELC	CAWA-14-54705	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3022	Inorganic	GELC	CAWA-14-54742	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3022	Inorganic	GELC	CAWA-14-54708	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3022	Organic	GELC	CAWA-14-54705	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3022	Organic	GELC	CAWA-14-54742	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3022	Rad	GELC	CAWA-14-54705	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3022	Rad	GELC	CAWA-14-54742	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3023	Organic	CFA	CAWA-14-54705	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3023	Organic	CFA	CAWA-14-54742	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3024	Rad	ARSL[e]	CAWA-14-54703	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3024	Rad	ARSL	CAWA-14-54705	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3024	Rad	ARSL	CAWA-14-54742	03/18/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3024	Rad	ARSL	CAWA-14-54739	03/17/14	CDV-16-4ip S1	815.6	879.2
2014-3032	Inorganic	GELC	CAWA-14-54743	03/19/14	CdV-R-37-2 S2	1188.7	1213.8
2014-3032	Inorganic	GELC	CAWA-14-54764	03/19/14	CdV-R-37-2 S2	1188.7	1213.8
2014-3032	Organic	GELC	CAWA-14-54743	03/19/14	CdV-R-37-2 S2	1188.7	1213.8
2014-3032	Rad	GELC	CAWA-14-54743	03/19/14	CdV-R-37-2 S2	1188.7	1213.8
2014-3036	Organic	CFA	CAWA-14-54743	03/19/14	CdV-R-37-2 S2	1188.7	1213.8

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-3042	Inorganic	GELC	CAWA-14-54737	03/20/14	CdV-16-1(i)	624	634
2014-3042	Inorganic	GELC	CAWA-14-54758	03/20/14	CdV-16-1(i)	624	634
2014-3042	Organic	GELC	CAWA-14-54737	03/20/14	CdV-16-1(i)	624	634
2014-3042	Rad	GELC	CAWA-14-54737	03/20/14	CdV-16-1(i)	624	634
2014-3076	Rad	ARSL	CAWA-14-54743	03/19/14	CdV-R-37-2 S2	1188.7	1213.8

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

[b] Rad = Radiochemistry (not gamma).

[c] — = Not applicable.

[d] CFA = Cape Fear Analytical, LLC.

[e] ARSL = American Radiation Services, Inc.