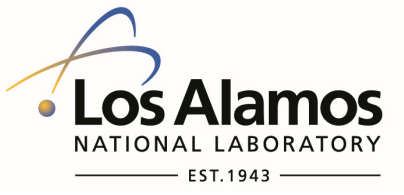
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February 2015
EP2015-0004

Periodic Monitoring Report for Technical Area 16 260 Monitoring Group, August 1–August 20, 2014



Prepared by the Environmental Programs Directorate

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EP2015-0004

Periodic Monitoring Report for Technical Area 16 260 Monitoring Group, August 1–August 20, 2014

February 2015

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the fiscal year 2014, fourth 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 August 1 to August 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. Seventeen results from groundwater samples collected during this PME were above applicable screening levels.

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Plate

Plate 1 Groundwater elevations

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.)
ESH	Environment, Safety, and Health (Directorate)
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
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, fourth 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 August 1 to August 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 from 1951 through 1996 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 21-021(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.

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. Appendix E contains all locations where screening levels were exceeded, not just those scheduled to be sampled during this PME. 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 through 4.2-4 show concentrations at all locations from the current PME for analytes that exceeded their screening levels 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 the May 16, 2014, sampling event at CDV-16-4ip S1 (the 815-ft intermediate screen 1), the field duplicate and primary sample RDX concentrations were 143 µg/L and 130 µg/L, respectively, and were above the 7-µg/L EPA tap water screening level. For the current PME, the August 19, 2014, result of 145 µg/L was also above the screening level. The RDX results from CDV-16-4ip S1, 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 and are within the previous ranges measured at the wells. At CDV-16-02656, the new result of 3670 µg/L is within the previous range of 2030 µg/L to 5150 µg/L. The new result of 8350 µg/L at CDV-16-02659 is within the previous range of 4580 µg/L to 13,600 µg/L. At CDV-16-611923, the new result of 15,400 µg/L is within the previous range of 9130 µg/L to 49,400 µg/L.

The RDX concentration in CDV-16-02659 of 8.49 µg/L was above the EPA tap water screening level of 7 µg/L. The new result is within the range of measurements of RDX at this well since 1997 of 5.39 µg/L to 200 µg/L.

Alluvial well CDV-16-611923 had filtered iron and manganese results of 1120 µg/L and 414 µg/L, respectively, which were above their respective NMWQCC groundwater standard screening levels. Iron concentrations in samples collected since 2010 range from 187 µg/L to 11,700 µg/L; the NMWQCC groundwater standard screening level (applicable to domestic water supply) is 1000 µg/L. Previous manganese concentrations range from 111 µg/L to 7510 µg/L; the NMWQCC groundwater standard screening level (applicable to domestic water supply) is 200 µg/L.

Alluvial well FLC-16-25280 in Fishladder Canyon had filtered iron and manganese results of 1100 µg/L and 245 µg/L, respectively, which were above their respective NMWQCC groundwater standard screening levels. The iron result is the lowest measured at the well. Iron concentrations in earlier samples collected since 2008 range from 2040 µg/L to 10,600 µg/L; the NMWQCC groundwater standard screening level (applicable to domestic water supply) is 1000 µg/L. Previous manganese concentrations range from 49.8 µg/L to 345 µg/L; the NMWQCC groundwater standard screening level (applicable to domestic water supply) is 200 µg/L.

The tetrachloroethene result of 28.5 µg/L at FLC-16-25280 was above the 5-µg/L EPA MCL screening level. The new result is within the range of tetrachloroethene measurements since 2006 of 6.09 µg/L to 200 µg/L. The trichloroethene result of 5.87 µg/L was above the 5-µg/L EPA MCL screening level. The new result is within the range of trichloroethene measurements since 2006 of 2.97 µg/L to 23.4 µg/L.

The filtered boron concentration of 1270 µg/L from intermediate groundwater location Martin Spring was above the 750-µg/L NMWQCC groundwater standard screening level (for irrigation use). The boron concentrations in samples taken at Martin Spring since 1995 range from 570 µg/L to 2840 µg/L.

The filtered iron concentration of 2100 µg/L from Martin Spring was above the 1000-µg/L NMWQCC groundwater standard screening level (applicable to domestic water supply). The iron concentrations in samples taken at Martin Spring since 1995 range from 29.3 µg/L to 2690 µg/L for detected results; there were also many samples in which iron was not detected.

The RDX concentrations in two 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. In intermediate well CdV-16-1(i), the current result of 25.5 µg/L is within the range of concentrations since 2005 of 22.2 µg/L to 32.5 µg/L. At intermediate well CdV-16-2(i)r, the current result of 103 µg/L is the highest; the range of previous concentrations since 2005 is 43.3 µg/L to 94.5 µg/L.

At intermediate Burning Ground Spring, the current RDX result of 22.5 µg/L is within the range of concentrations since 2000 of 4.59 µg/L to 51.3 µg/L (with one value of 100 µg/L). The RDX sample concentration from intermediate Martin Spring of 74.1 µg/L is within the range of concentrations since 2000 of 0.87 µg/L (a nondetect) to 265 µg/L.

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 applicable screening levels.

5.2.2 Groundwater

One result from groundwater samples collected before this PME and reported in this PMR was above screening levels. Seventeen results from groundwater samples collected during this PME were above applicable 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, with some exceptions. The RDX concentration at CdV-16-2(i)r is the highest to date.

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 or ESH ID. This information is also included in text citations. ER IDs were assigned by the Environmental Programs Directorate's Records Processing Facility (IDs through 599999), and ESH IDs are assigned by the Environment, Safety, and Health (ESH) Directorate (IDs 600000 and above). IDs are used to locate documents in the Laboratory's Electronic Document Management System and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the ESH 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)

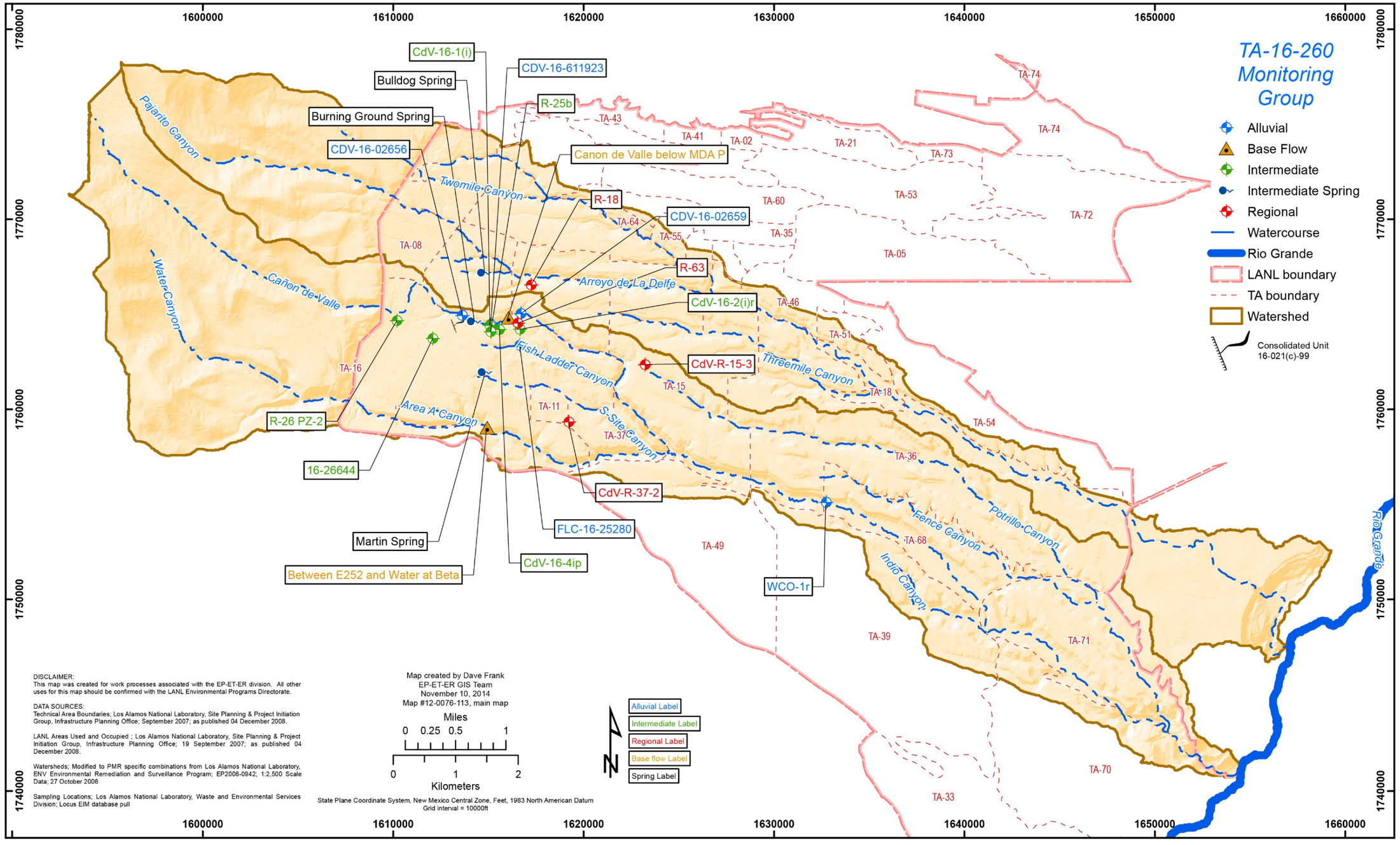


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 3.4-1)

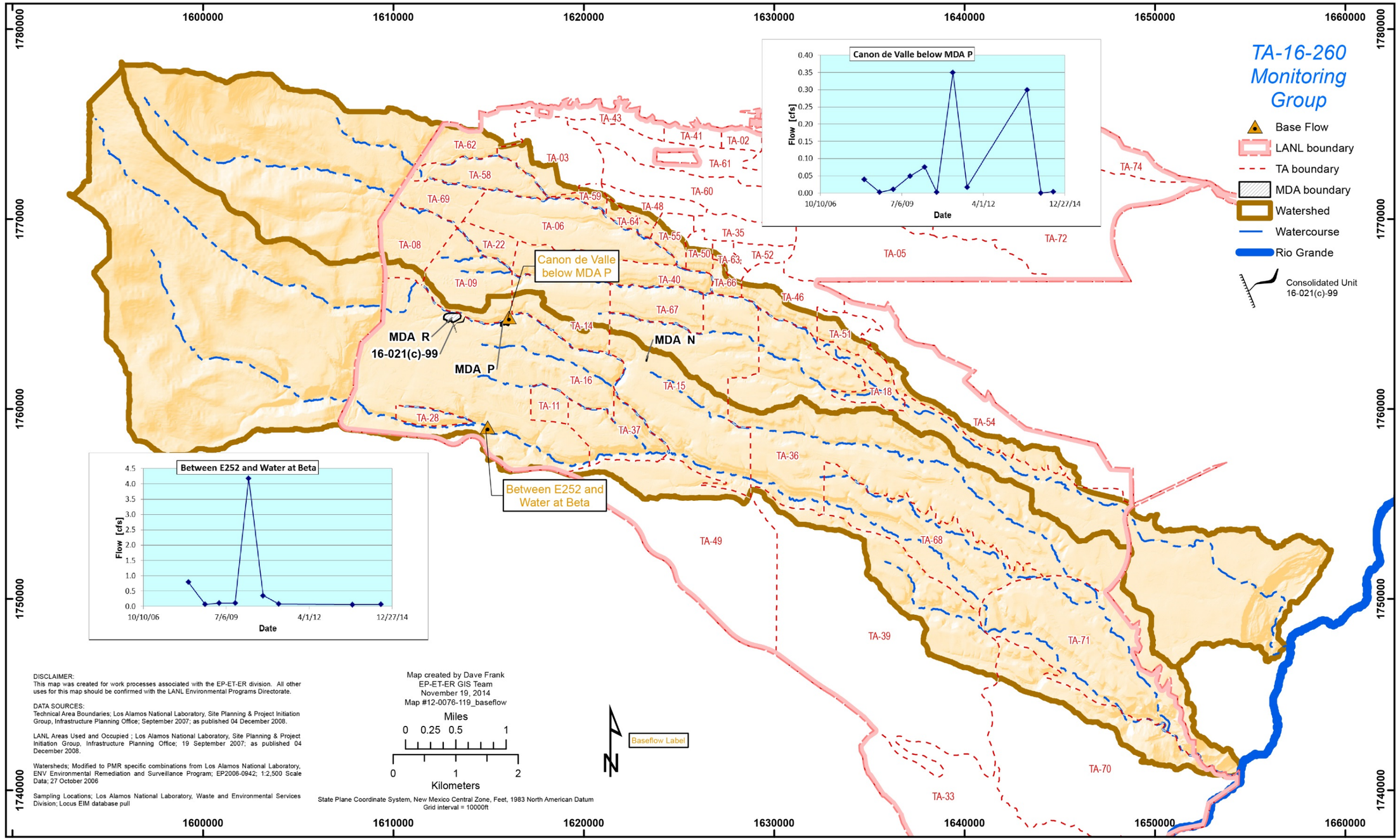


Figure 3.3-1 Base-flow measurements

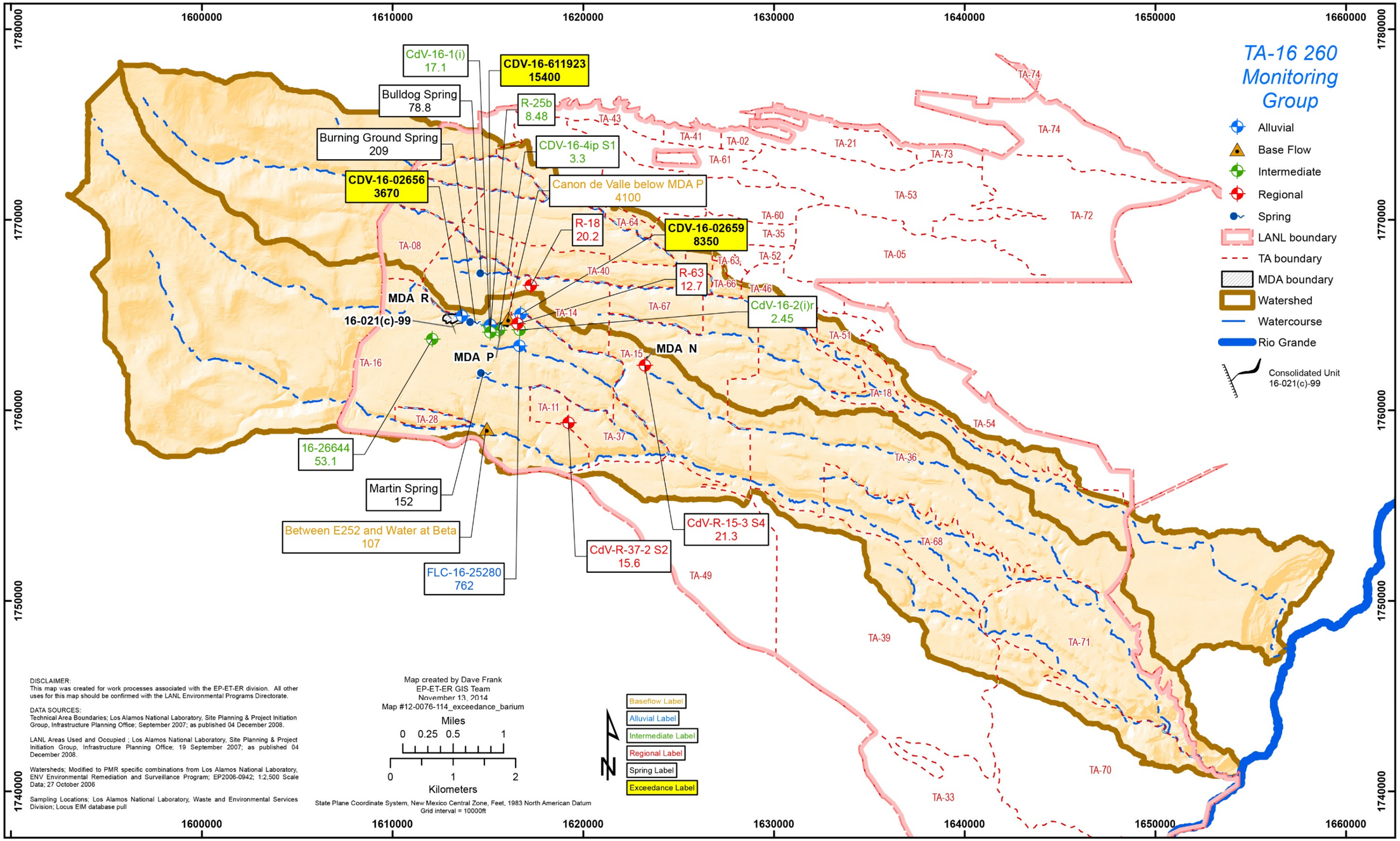


Figure 4.2-1 Monitoring group filtered barium concentrations in µg/L. The NMWQCC groundwater standard screening level is 1000 µg/L.

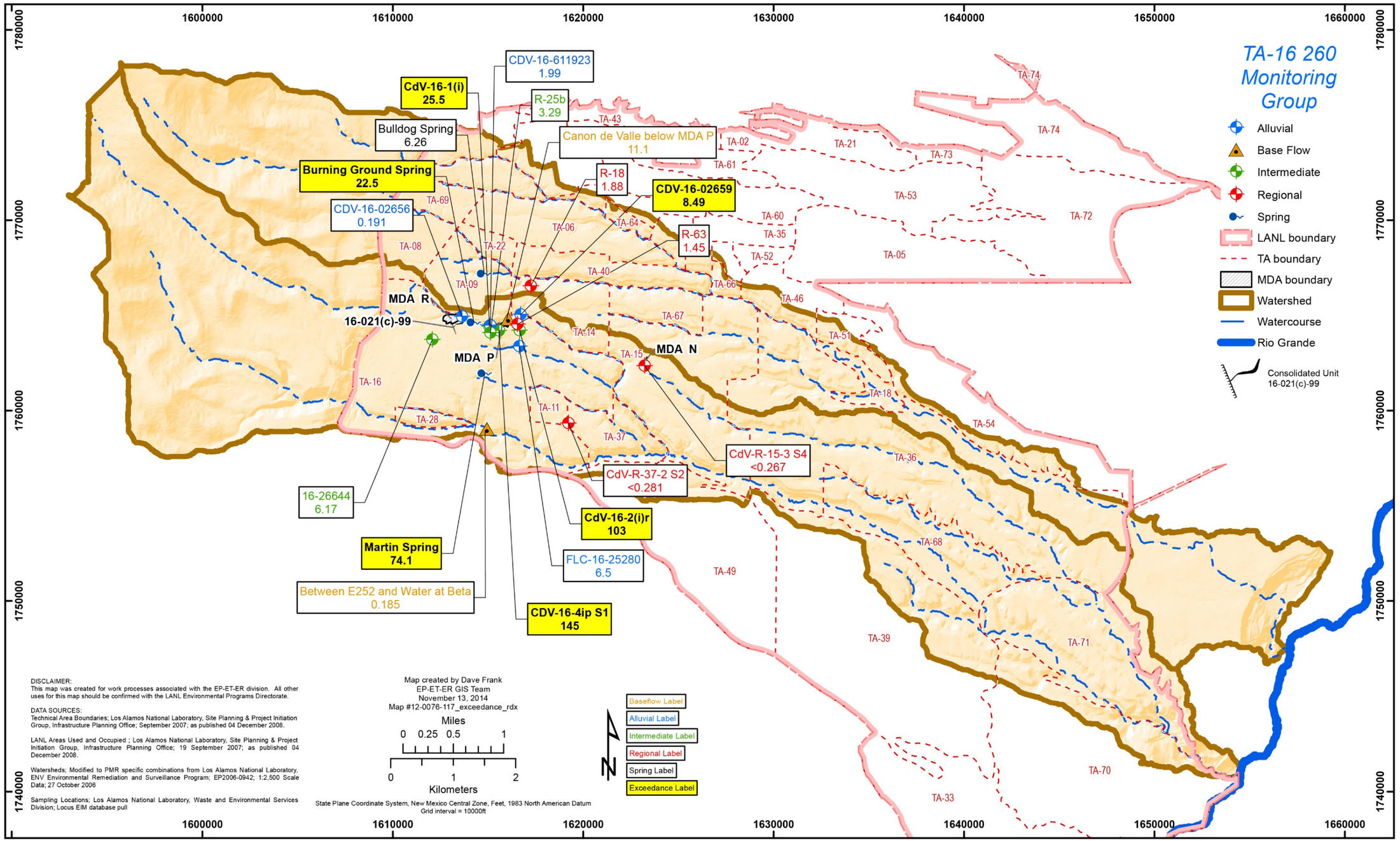


Figure 4.2-2 Monitoring group unfiltered RDX concentrations in µg/L. The EPA tap water screening level is 7 µg/L.

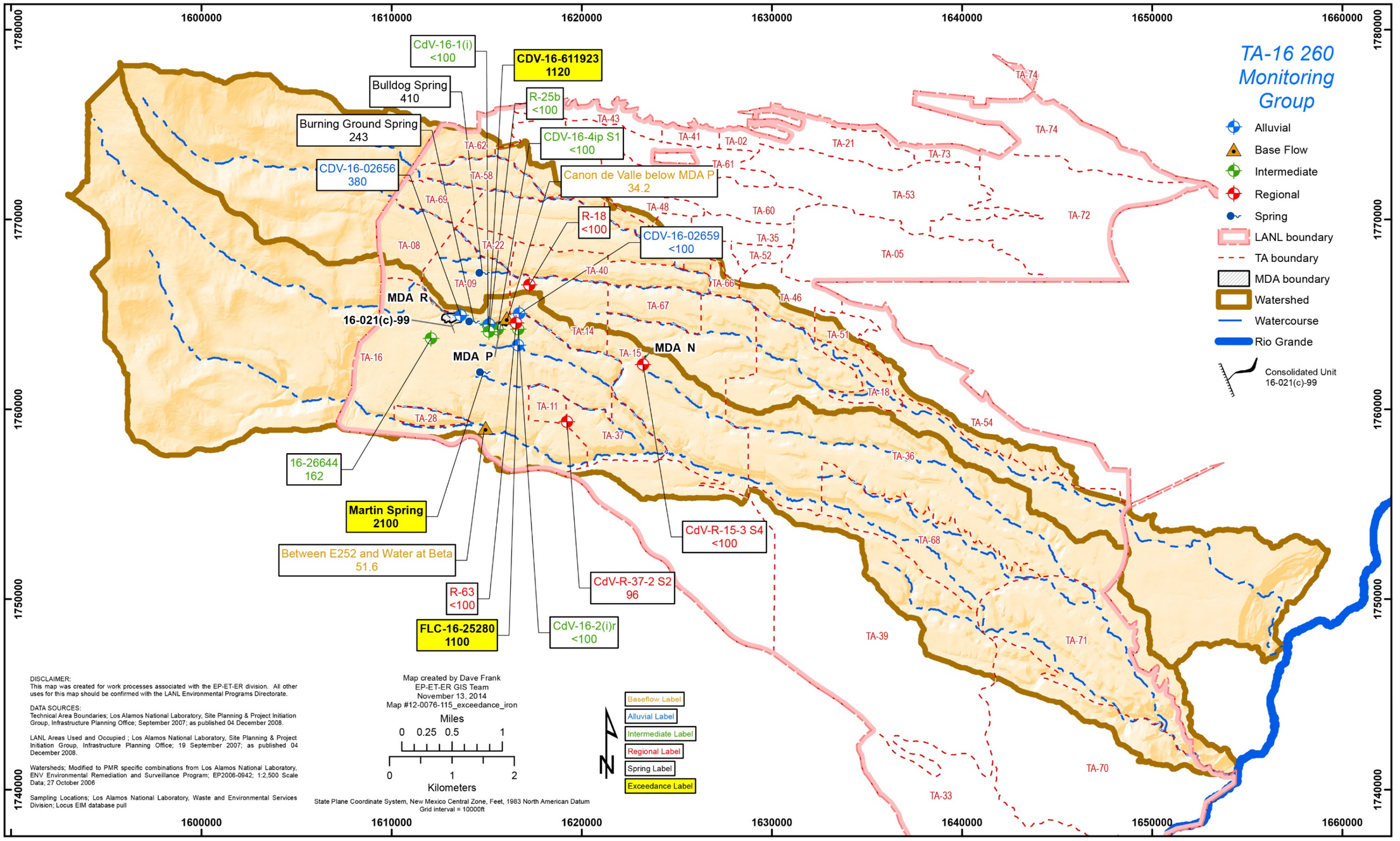


Figure 4.2-3 Monitoring group filtered iron concentrations in µg/L. The NMWQCC groundwater standard screening level is 1000 µg/L.

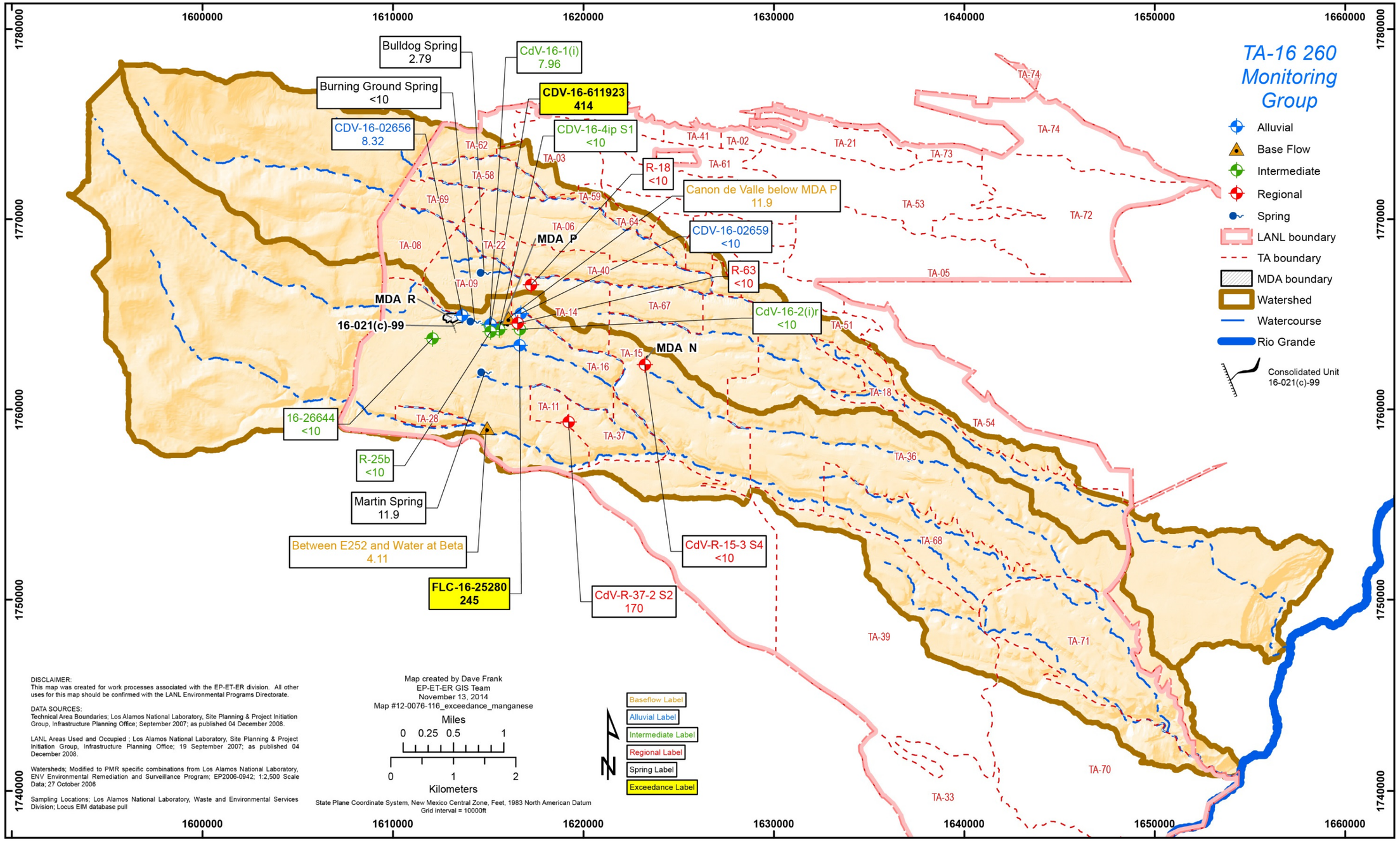


Figure 4.2-4 Monitoring group filtered manganese concentrations in µg/L. The NMWQCC groundwater standard screening level is 200 µg/L.

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	08/06/14	5	3	8	0.6	1.6	0.05
CDV-16-02659	08/05/14	5	1.7	6.7	2.2	2.2	0.07
CDV-16-611923	08/12/14	5	3.2	8.2	0.66	2	0.16
FLC-16-25280	08/07/14	1.6	2.6	4.2	0.3	0.9	0.05
WCO-1r	08/20/14	10	6	16	3.2	6.5	0.13
Intermediate							
16-26644	08/05/14	15	130	145	1.5	9	1
CdV-16-1(i)	08/20/14	10	624	634	59.73	179.3	1.1
CdV-16-2(i)r	08/18/14	9.7	850	859.7	22.9	77.5	3.1
CDV-16-4ip S1	08/19/14	63.6	815.6	879.2	87.7	266.6	6.2
R-25b	08/18/14	20.8	750	770.8	26.3	39.75	0.48
R-26 PZ-2	08/12/14	30	150	180	0.56	0.6	n/a[b]
Regional							
CdV-R-15-3 S4	08/11/14	43.8	1235.1	1278.9	45.1	249	6.38
CdV-R-37-2 S2	08/14/14	25.1	1188.7	1213.8	36.6	1334	3.9
R-18	08/11/14	23	1358	1381	96.7	293	6.52
R-63	08/19/14	20.3	1325	1345.3	104.6	320.5	6.97
Intermediate Spring							
Bulldog Spring	08/13/14	n/a	n/a	n/a	n/a	n/a	5.00
Burning Ground Spring	08/08/14	n/a	n/a	n/a	n/a	n/a	5.90
Martin Spring	08/13/14	n/a	n/a	n/a	n/a	n/a	1.60
Base Flow							
Between E252 and Water at Beta	08/14/14	n/a	n/a	n/a	n/a	n/a	31.00
Canon de Valle below MDA P	08/08/14	n/a	n/a	n/a	n/a	n/a	2.00

[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
R-26 PZ-2	A prioritized sample suite was collected.	The well purged dry during sampling.	This location will be sampled during the next scheduled PME.
CdV-R-37-2 S2	Samples were collected at 39 casing volumes.	NMED directed LANL to carry out an extended purge to evaluate effect on sample quality.	n/a*

*n/a = Not applicable.

Table 3.4-2
Analytes with MDLs above Screening Levels

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

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

[a] CAS = Chemical Abstracts Service.

[b] PQL = Practical quantitation limit.

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

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

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

[a] n/a = Not applicable.

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

[c] CFR = Code of Federal Regulations.

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

Watershed	Location	Stream Type	Hardness (mg/L as $CaCO_3$)
Water	Between E252 and Water at Beta	Perennial	50
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	08/06/14	Barium	F[a]	3670	µg/L	1000	NMWQCC Groundwater Standard
CDV-16-02659	08/05/14	Barium	F	8350	µg/L	1000	NMWQCC Groundwater Standard
CDV-16-02659	08/05/14	RDX	UF[b]	8.49	µg/L	7	EPA TAP SCRN LVL
CDV-16-611923	08/12/14	Barium	F	15,400	µg/L	1000	NMWQCC Groundwater Standard
CDV-16-611923	08/12/14	Iron	F	1120	µg/L	1000	NMWQCC Groundwater Standard
CDV-16-611923	08/12/14	Manganese	F	414	µg/L	200	NMWQCC Groundwater Standard
FLC-16-25280	08/07/14	Iron	F	1100	µg/L	1000	NMWQCC Groundwater Standard
FLC-16-25280	08/07/14	Manganese	F	245	µg/L	200	NMWQCC Groundwater Standard
FLC-16-25280	08/07/14	Tetrachloroethene	UF	28.5	µg/L	5	EPA MCL
FLC-16-25280	08/07/14	Trichloroethene	UF	5.87	µg/L	5	EPA MCL
Intermediate Groundwater							
CdV-16-1(i)	08/20/14	RDX	UF	25.5	µg/L	7	EPA Regional Tap
CdV-16-2(i)r	08/18/14	RDX	UF	103	µg/L	7	EPA Regional Tap
CDV-16-4ip S1	05/16/14	RDX	UF	143	µg/L	7	EPA Regional Tap
CDV-16-4ip S1	08/19/14	RDX	UF	145	µg/L	7	EPA Regional Tap
Burning Ground Spring	08/08/14	RDX	UF	22.5	µg/L	7	EPA Regional Tap
Martin Spring	08/13/14	Boron	F	1270	µg/L	750	NMWQCC Groundwater Standard
Martin Spring	08/13/14	Iron	F	2100	µg/L	1000	NMWQCC Groundwater Standard
Martin Spring	08/13/14	RDX	UF	74.1	µg/L	7	EPA Regional Tap

[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	08/05/14	WG[a]	Dissolved Oxygen	7.83	mg/L	CAWA-14-84586
16-26644	130	03/05/14	WG	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	08/05/14	WG	Flow (in gpm[b])	1	gpm	CAWA-14-84586
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	08/05/14	WG	Oxidation-Reduction Potential	-6.9	mV	CAWA-14-84586
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	08/05/14	WG	pH	6.85	SU[c]	CAWA-14-84586
16-26644	130	03/05/14	WG	pH	6.96	SU	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	08/05/14	WG	Specific Conductance	216	µS/cm	CAWA-14-84586
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
16-26644	130	08/05/14	WG	Temperature	11.83	deg C	CAWA-14-84586
16-26644	130	03/05/14	WG	Temperature	11.8	deg C	CAWA-14-54732

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/05/14	WG	Turbidity	2.2	NTU[d]	CAWA-14-84586
16-26644	130	03/05/14	WG	Turbidity	1.5	NTU	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
Between E252 and Water at Beta	—[e]	08/14/14	WS[f]	Dissolved Oxygen	7.45	mg/L	CAWA-14-84620
Between E252 and Water at Beta	—	09/06/13	WS	Dissolved Oxygen	7.66	mg/L	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Dissolved Oxygen	8.75	mg/L	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Dissolved Oxygen	7.8	mg/L	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	Dissolved Oxygen	10.15	mg/L	CAWA-10-14938
Between E252 and Water at Beta	—	08/14/14	WS	Flow (in gpm)	31	gpm	CAWA-14-84620
Between E252 and Water at Beta	—	09/06/13	WS	Flow (in gpm)	28	gpm	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Flow (in gpm)	37.3	gpm	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Flow (in gpm)	161	gpm	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	Flow (in gpm)	1876	gpm	CAWA-10-14938
Between E252 and Water at Beta	—	08/14/14	WS	pH	8.06	SU	CAWA-14-84620
Between E252 and Water at Beta	—	09/06/13	WS	pH	8.15	SU	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	pH	7.81	SU	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	pH	7.94	SU	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	pH	6.93	SU	CAWA-10-14938
Between E252 and Water at Beta	—	08/14/14	WS	Specific Conductance	224	µS/cm	CAWA-14-84620
Between E252 and Water at Beta	—	09/06/13	WS	Specific Conductance	217	µS/cm	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Specific Conductance	127	µS/cm	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Specific Conductance	177	µS/cm	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	Specific Conductance	172	µS/cm	CAWA-10-14938

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Between E252 and Water at Beta	—	08/14/14	WS	Temperature	18.22	deg C	CAWA-14-84620
Between E252 and Water at Beta	—	09/06/13	WS	Temperature	15.98	deg C	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Temperature	10.38	deg C	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Temperature	14.45	deg C	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	Temperature	3.96	deg C	CAWA-10-14938
Between E252 and Water at Beta	—	08/14/14	WS	Turbidity	10.8	NTU	CAWA-14-84620
Between E252 and Water at Beta	—	09/06/13	WS	Turbidity	8.4	NTU	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Turbidity	21.2	NTU	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Turbidity	7.21	NTU	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	Turbidity	22.7	NTU	CAWA-10-14938
Bulldog Spring	—	08/13/14	WG	Dissolved Oxygen	7.88	mg/L	CAPA-14-84558
Bulldog Spring	—	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	—	08/13/14	WG	Flow (in gpm)	5	gpm	CAPA-14-84558
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	—	08/13/14	WG	pH	7.41	SU	CAPA-14-84558
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	—	08/13/14	WG	Specific Conductance	283	µS/cm	CAPA-14-84558
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	—	08/13/14	WG	Temperature	13.57	deg C	CAPA-14-84558
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	—	08/13/14	WG	Turbidity	14.7	NTU	CAPA-14-84558
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
Burning Ground Spring	—	08/08/14	WG	Dissolved Oxygen	7.48	mg/L	CAWA-14-84587
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	—	08/08/14	WG	Flow (in gpm)	5.9	gpm	CAWA-14-84587
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	—	08/08/14	WG	pH	7.77	SU	CAWA-14-84587
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	—	08/08/14	WG	Specific Conductance	239	µS/cm	CAWA-14-84587

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	—	08/08/14	WG	Temperature	13.36	deg C	CAWA-14-84587
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	—	08/08/14	WG	Turbidity	5.5	NTU	CAWA-14-84587
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
Canon de Valle below MDA P	—	08/08/14	WS	Dissolved Oxygen	6.57	mg/L	CAWA-14-84588
Canon de Valle below MDA P	—	03/10/14	WS	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	—	08/08/14	WS	Flow (in gpm)	2	gpm	CAWA-14-84588
Canon de Valle below MDA P	—	09/20/13	WS	Flow (in gpm)	134.4	gpm	CAWA-13-42031
Canon de Valle below MDA P	—	09/16/11	WS	Flow (in gpm)	7.93	gpm	CAWA-11-27044
Canon de Valle below MDA P	—	03/25/11	WS	Flow (in gpm)	0.35	gpm	CAWA-11-5389
Canon de Valle below MDA P	—	03/25/11	WS	Flow (in gpm)	157.1	gpm	CAWA-11-5389
Canon de Valle below MDA P	—	09/07/10	WS	Flow (in gpm)	1.1	gpm	CAWA-10-25692
Canon de Valle below MDA P	—	08/08/14	WS	pH	7.43	SU	CAWA-14-84588
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	—	08/08/14	WS	Specific Conductance	308	µS/cm	CAWA-14-84588
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
Canon de Valle below MDA P	—	07/13/12	WS	Specific Conductance	449	µS/cm	CAWA-12-17538
Canon de Valle below MDA P	—	08/08/14	WS	Temperature	16.5	deg C	CAWA-14-84588
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	—	08/08/14	WS	Turbidity	8	NTU	CAWA-14-84588
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
CDV-16-02656	3	08/06/14	WG	Dissolved Oxygen	2.51	mg/L	CAWA-14-84589
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	08/06/14	WG	Flow (in gpm)	0.05	gpm	CAWA-14-84589
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	08/06/14	WG	Oxidation-Reduction Potential	171.9	mV	CAWA-14-84589

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/06/14	WG	pH	6.29	SU	CAWA-14-84589
CDV-16-02656	3	03/14/14	WG	pH	6.29	SU	CAWA-14-54735
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	08/06/14	WG	Specific Conductance	255	µS/cm	CAWA-14-84589
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	08/06/14	WG	Temperature	14.54	deg C	CAWA-14-84589
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	08/06/14	WG	Turbidity	7	NTU	CAWA-14-84589
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-16-02659	1.7	08/05/14	WG	Dissolved Oxygen	4.45	mg/L	CAWA-14-84590
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02659	1.7	07/23/12	WG	Dissolved Oxygen	6.97	mg/L	CAWA-12-17540
CDV-16-02659	1.7	08/05/14	WG	Flow (in gpm)	0.07	gpm	CAWA-14-84590
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
CDV-16-02659	1.7	08/05/14	WG	Oxidation-Reduction Potential	182.9	mV	CAWA-14-84590
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	08/05/14	WG	pH	6.47	SU	CAWA-14-84590
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	08/05/14	WG	Specific Conductance	353	µS/cm	CAWA-14-84590
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	08/05/14	WG	Temperature	12	deg C	CAWA-14-84590
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	08/05/14	WG	Turbidity	0.91	NTU	CAWA-14-84590
CDV-16-02659	1.7	03/10/14	WG	Turbidity	3.4	NTU	CAWA-14-54736

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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-16-1(i)	624	08/20/14	WG	Dissolved Oxygen	5.7	mg/L	CAWA-14-84591
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
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	08/20/14	WG	Flow (in gpm)	1.1	gpm	CAWA-14-84591
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	08/20/14	WG	Oxidation-Reduction Potential	184	mV	CAWA-14-84591
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	08/20/14	WG	pH	6.64	SU	CAWA-14-84591
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	08/20/14	WG	Specific Conductance	167	µS/cm	CAWA-14-84591
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	624	08/20/14	WG	Temperature	13.98	deg C	CAWA-14-84591
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	08/20/14	WG	Turbidity	3.5	NTU	CAWA-14-84591
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-16-2(i)r	850	08/18/14	WG	Dissolved Oxygen	6.4	mg/L	CAWA-14-84592
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	08/18/14	WG	Flow (in gpm)	3.1	gpm	CAWA-14-84592
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	08/18/14	WG	Oxidation-Reduction Potential	160.8	mV	CAWA-14-84592
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	08/18/14	WG	pH	7.12	SU	CAWA-14-84592

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/18/14	WG	Specific Conductance	121	µS/cm	CAWA-14-84592
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	08/18/14	WG	Temperature	13.02	deg C	CAWA-14-84592
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	08/18/14	WG	Turbidity	1.2	NTU	CAWA-14-84592
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-16-4ip S1	815.6	08/19/14	WG	Dissolved Oxygen	8.1	mg/L	CAWA-14-84593
CDV-16-4ip S1	815.6	05/16/14	WG	Dissolved Oxygen	7.01	mg/L	CAWA-14-77942
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-4ip S1	815.6	08/19/14	WG	Flow (in gpm)	6.2	gpm	CAWA-14-84593
CDV-16-4ip S1	815.6	05/16/14	WG	Flow (in gpm)	9.1	gpm	CAWA-14-77942
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	08/19/14	WG	Oxidation-Reduction Potential	184.4	mV	CAWA-14-84593
CDV-16-4ip S1	815.6	05/16/14	WG	Oxidation-Reduction Potential	58	mV	CAWA-14-77942
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
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	08/19/14	WG	pH	7.08	SU	CAWA-14-84593
CDV-16-4ip S1	815.6	05/16/14	WG	pH	6.85	SU	CAWA-14-77942
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	08/19/14	WG	Specific Conductance	121	µS/cm	CAWA-14-84593
CDV-16-4ip S1	815.6	05/16/14	WG	Specific Conductance	128	µS/cm	CAWA-14-77942
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	08/19/14	WG	Temperature	12.53	deg C	CAWA-14-84593
CDV-16-4ip S1	815.6	05/16/14	WG	Temperature	12.72	deg C	CAWA-14-77942
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	08/19/14	WG	Turbidity	1.1	NTU	CAWA-14-84593
CDV-16-4ip S1	815.6	05/16/14	WG	Turbidity	1.6	NTU	CAWA-14-77942
CDV-16-4ip S1	815.6	03/17/14	WG	Turbidity	1	NTU	CAWA-14-54739

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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-16-611923	3.2	08/12/14	WG	Dissolved Oxygen	0.51	mg/L	CAWA-14-84594
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	08/12/14	WG	Flow (in gpm)	0.16	gpm	CAWA-14-84594
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	08/12/14	WG	Oxidation-Reduction Potential	30.1	mV	CAWA-14-84594
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	08/12/14	WG	pH	6.26	SU	CAWA-14-84594
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	08/12/14	WG	Specific Conductance	394	µS/cm	CAWA-14-84594
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	08/12/14	WG	Temperature	12.56	deg C	CAWA-14-84594
CDV-16-611923	3.2	03/13/14	WG	Temperature	3.87	deg C	CAWA-14-54740

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/12/14	WG	Turbidity	0.5	NTU	CAWA-14-84594
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-R-15-3 S4	1235.1	08/11/14	WG	Dissolved Oxygen	6.6	mg/L	CAWA-14-84595
CdV-R-15-3 S4	1235.1	05/16/14	WG	Dissolved Oxygen	6.59	mg/L	CAWA-14-77943
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	08/11/14	WG	Flow (in gpm)	6.38	gpm	CAWA-14-84595
CdV-R-15-3 S4	1235.1	05/16/14	WG	Flow (in gpm)	6.38	gpm	CAWA-14-77943
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	08/11/14	WG	Oxidation-Reduction Potential	44.8	mV	CAWA-14-84595
CdV-R-15-3 S4	1235.1	05/16/14	WG	Oxidation-Reduction Potential	22	mV	CAWA-14-77943
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	08/11/14	WG	pH	7.92	SU	CAWA-14-84595

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-15-3 S4	1235.1	05/16/14	WG	pH	8.35	SU	CAWA-14-77943
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	08/11/14	WG	Specific Conductance	126	µS/cm	CAWA-14-84595
CdV-R-15-3 S4	1235.1	05/16/14	WG	Specific Conductance	129	µS/cm	CAWA-14-77943
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	08/11/14	WG	Temperature	17.65	deg C	CAWA-14-84595
CdV-R-15-3 S4	1235.1	05/16/14	WG	Temperature	16.89	deg C	CAWA-14-77943
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	08/11/14	WG	Turbidity	1.7	NTU	CAWA-14-84595
CdV-R-15-3 S4	1235.1	05/16/14	WG	Turbidity	3.5	NTU	CAWA-14-77943
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-37-2 S2	1188.7	08/14/14	WG	Dissolved Oxygen	4.23	mg/L	CAWA-14-84596
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	08/14/14	WG	Flow (in gpm)	3.89	gpm	CAWA-14-84596
CdV-R-37-2 S2	1188.7	03/19/14	WG	Flow (in gpm)	4.1	gpm	CAWA-14-54743

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/14/14	WG	Oxidation-Reduction Potential	-7.7	mV	CAWA-14-84596
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	08/14/14	WG	pH	7.61	SU	CAWA-14-84596
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
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	08/14/14	WG	Specific Conductance	212	µS/cm	CAWA-14-84596
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/14/14	WG	Temperature	19.56	deg C	CAWA-14-84596
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	08/14/14	WG	Turbidity	0.62	NTU	CAWA-14-84596
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
FLC-16-25280	2.6	08/07/14	WG	Dissolved Oxygen	0.46	mg/L	CAWA-14-84597
FLC-16-25280	2.6	09/23/13	WG	Dissolved Oxygen	0.26	mg/L	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Dissolved Oxygen	1.24	mg/L	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	Dissolved Oxygen	5.57	mg/L	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Dissolved Oxygen	1.55	mg/L	CAWA-08-11605
FLC-16-25280	2.6	08/07/14	WG	Flow (in gpm)	0.05	gpm	CAWA-14-84597
FLC-16-25280	2.6	04/05/10	WG	Flow (in gpm)	0.1	gpm	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	Flow (in gpm)	0.08	gpm	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Flow (in gpm)	0.11	gpm	CAWA-08-11605
FLC-16-25280	2.6	08/07/14	WG	Oxidation-Reduction Potential	271	mV	CAWA-14-84597
FLC-16-25280	2.6	09/23/13	WG	Oxidation-Reduction Potential	199.3	mV	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Oxidation-Reduction Potential	243.2	mV	CAWA-10-15115

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
FLC-16-25280	2.6	04/02/09	WG	Oxidation-Reduction Potential	361.1	mV	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Oxidation-Reduction Potential	189	mV	CAWA-08-11605
FLC-16-25280	2.6	08/07/14	WG	pH	4.38	SU	CAWA-14-84597
FLC-16-25280	2.6	09/23/13	WG	pH	4.71	SU	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	pH	5.3	SU	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	pH	4.88	SU	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	pH	6.11	SU	CAWA-08-11605
FLC-16-25280	2.6	08/07/14	WG	Specific Conductance	165	µS/cm	CAWA-14-84597
FLC-16-25280	2.6	09/23/13	WG	Specific Conductance	178	µS/cm	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Specific Conductance	124	µS/cm	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	Specific Conductance	68	µS/cm	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Specific Conductance	85.7	µS/cm	CAWA-08-11605
FLC-16-25280	2.6	08/07/14	WG	Temperature	17.29	deg C	CAWA-14-84597
FLC-16-25280	2.6	09/23/13	WG	Temperature	16.49	deg C	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Temperature	5.83	deg C	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	Temperature	5.63	deg C	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Temperature	5.6	deg C	CAWA-08-11605
FLC-16-25280	2.6	08/07/14	WG	Turbidity	39.9	NTU	CAWA-14-84597
FLC-16-25280	2.6	09/23/13	WG	Turbidity	199.3	NTU	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Turbidity	105	NTU	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	Turbidity	243	NTU	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Turbidity	118	NTU	CAWA-08-11605
Martin Spring	—	08/13/14	WG	Dissolved Oxygen	6	mg/L	CAWA-14-84598
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	—	08/13/14	WG	Flow (in gpm)	1.6	gpm	CAWA-14-84598

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	—	08/13/14	WG	pH	6.74	SU	CAWA-14-84598
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	—	08/13/14	WG	Specific Conductance	299	µS/cm	CAWA-14-84598
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	—	08/13/14	WG	Temperature	16.97	deg C	CAWA-14-84598
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
Martin Spring	—	08/13/14	WG	Turbidity	39.2	NTU	CAWA-14-84598
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
R-18	1358	08/11/14	WG	Dissolved Oxygen	5.61	mg/L	CAPA-14-84559
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/11/14	WG	Flow (in gpm)	6.52	gpm	CAPA-14-84559
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	08/11/14	WG	Oxidation-Reduction Potential	107.8	mV	CAPA-14-84559
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	08/11/14	WG	pH	7.49	SU	CAPA-14-84559
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
R-18	1358	08/11/14	WG	Specific Conductance	116	µS/cm	CAPA-14-84559
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	08/11/14	WG	Temperature	16	deg C	CAPA-14-84559
R-18	1358	03/04/14	WG	Temperature	15.74	deg C	CAPA-14-54777

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/11/14	WG	Turbidity	0.2	NTU	CAPA-14-84559
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-25b	750	08/18/14	WG	Dissolved Oxygen	5.47	mg/L	CAWA-14-84599
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	08/18/14	WG	Flow (in gpm)	0.48	gpm	CAWA-14-84599
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
R-25b	750	08/18/14	WG	Oxidation-Reduction Potential	117.8	mV	CAWA-14-84599
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	08/18/14	WG	pH	7.74	SU	CAWA-14-84599
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/18/14	WG	Specific Conductance	136	µS/cm	CAWA-14-84599
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	08/18/14	WG	Temperature	10.59	deg C	CAWA-14-84599
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	08/18/14	WG	Turbidity	2.99	NTU	CAWA-14-84599
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-26 PZ-2	150	08/12/14	WG	Dissolved Oxygen	7.51	mg/L	CAWA-14-84600
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
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	08/12/14	WG	Oxidation-Reduction Potential	102.8	mV	CAWA-14-84600
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	08/12/14	WG	pH	7.22	SU	CAWA-14-84600

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/12/14	WG	Specific Conductance	240	µS/cm	CAWA-14-84600
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	08/12/14	WG	Temperature	14.62	deg C	CAWA-14-84600
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	08/12/14	WG	Turbidity	999	NTU	CAWA-14-84600
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-63	1325	08/19/14	WG	Dissolved Oxygen	5.69	mg/L	CAWA-14-84601
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	08/19/14	WG	Flow (in gpm)	6.97	gpm	CAWA-14-84601
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/19/14	WG	Oxidation-Reduction Potential	126.7	mV	CAWA-14-84601
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	08/19/14	WG	pH	7.45	SU	CAWA-14-84601
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
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	08/19/14	WG	Specific Conductance	107	µS/cm	CAWA-14-84601
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	08/19/14	WG	Temperature	14.86	deg C	CAWA-14-84601
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/19/14	WG	Turbidity	0.68	NTU	CAWA-14-84601
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
WCO-1r	6	08/20/14	WG	Dissolved Oxygen	0.82	mg/L	CAWA-14-84621
WCO-1r	6	09/20/10	WG	Dissolved Oxygen	4	mg/L	CAWA-10-25771
WCO-1r	6	08/20/14	WG	Flow (in gpm)	0.13	gpm	CAWA-14-84621
WCO-1r	6	09/20/10	WG	Flow (in gpm)	0.1	gpm	CAWA-10-25771
WCO-1r	6	08/20/14	WG	Oxidation-Reduction Potential	131	mV	CAWA-14-84621
WCO-1r	6	09/20/10	WG	Oxidation-Reduction Potential	317.3	mV	CAWA-10-25771
WCO-1r	6	08/20/14	WG	pH	7.09	SU	CAWA-14-84621
WCO-1r	6	09/20/10	WG	pH	5.95	SU	CAWA-10-25771
WCO-1r	6	08/20/14	WG	Specific Conductance	245	µS/cm	CAWA-14-84621
WCO-1r	6	09/20/10	WG	Specific Conductance	219	µS/cm	CAWA-10-25771
WCO-1r	6	08/20/14	WG	Temperature	12.89	deg C	CAWA-14-84621
WCO-1r	6	09/20/10	WG	Temperature	13.31	deg C	CAWA-10-25771
WCO-1r	6	08/20/14	WG	Turbidity	19.7	NTU	CAWA-14-84621
WCO-1r	6	09/20/10	WG	Turbidity	4.82	NTU	CAWA-10-25771

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

[e] — = Not applicable.

[f] 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	05/16/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	2.5	µg/L	Y	U	U	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.54	—	—	2.5	µg/L	Y	J	J	2014-3405	CAWA-14-77937	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	6.71	—	—	3	µg/L	Y	HJ	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	5.48	—	—	3	µg/L	Y	HJ	U	2014-3019	CAWA-14-54703	GELC
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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46.5	—	—	0.725	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46.5	—	—	0.725	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.26	—	—	0.0825	µg/L	Y	—	NQ	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.34	—	—	0.0851	µg/L	Y	—	NQ	2014-3405	CAWA-14-77937	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.2	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.73	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77938	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	63.4	—	—	15	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	62.4	—	—	15	µg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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

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-846:6010B	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0948	—	—	0.067	mg/L	Y	J	J	2014-3405	CAWA-14-77938	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.75	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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
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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.5	—	—	0.067	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.51	—	—	0.067	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0801	—	—	0.033	mg/L	Y	J	J	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0768	—	—	0.033	mg/L	Y	J	J	2014-3405	CAWA-14-77938	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	05/16/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.453	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.9	—	—	0.453	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.74	—	—	0.0825	µg/L	Y	—	NQ	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.26	—	—	0.0851	µg/L	Y	—	NQ	2014-3405	CAWA-14-77937	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

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	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.9	—	—	0.11	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.8	—	—	0.11	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	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	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.53	—	—	0.3	µg/L	Y	J	J	2014-3405	CAWA-14-77937	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.564	—	—	0.165	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.45	—	—	0.165	µg/L	Y	J	J	2014-3405	CAWA-14-77938	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.646	—	—	0.165	µg/L	Y	—	U	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.62	—	—	0.165	µg/L	Y	—	U	2014-3019	CAWA-14-54706	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.563	—	—	0.5	µg/L	Y	J	J	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.577	—	—	0.5	µg/L	Y	J	J	2014-3405	CAWA-14-77938	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.791	—	—	0.5	µg/L	Y	J	U	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.853	—	—	0.5	µg/L	Y	J	U	2014-3019	CAWA-14-54706	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
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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.951	—	—	0.017	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.58	—	—	0.085	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.366	—	—	0.05	µg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	03/17/14	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.832	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.814	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	130	—	—	4.12	µg/L	Y	—	NQ	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	143	—	—	4.26	µg/L	Y	—	NQ	2014-3405	CAWA-14-77937	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.2	—	—	0.53	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.5	—	—	0.53	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.73	—	—	0.1	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.45	—	—	0.1	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	1	µS/cm	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	2014-3405	CAWA-14-77938	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

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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.1	—	—	1	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.9	—	—	1	µg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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
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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.6	—	—	0.133	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.6	—	—	0.133	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1	—	—	0.3	µg/L	Y	—	NQ	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.8	—	—	0.3	µg/L	Y	J	J	2014-3405	CAWA-14-77937	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	05/16/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0519	—	—	0.033	mg/L	Y	J	J	2014-3405	CAWA-14-77937	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	12/18/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-2709	CAWA-14-46038	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.208	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0463	—	—	0.033	mg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.716	—	—	0.33	mg/L	Y	J	J	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.589	—	—	0.33	mg/L	Y	J	J	2014-3405	CAWA-14-77937	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

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	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0807	—	—	0.017	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.017	—	—	0.017	mg/L	Y	U	U	2014-3405	CAWA-14-77938	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	05/16/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.61	—	—	0.3	µg/L	Y	J	J	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.56	—	—	0.3	µg/L	Y	J	J	2014-3405	CAWA-14-77937	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	05/16/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.158	—	—	0.0825	µg/L	Y	J	J	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.13	—	—	0.0851	µg/L	Y	J	J	2014-3405	CAWA-14-77937	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.269	—	—	0.086	µg/L	Y	U	U	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	Trinitrobenzene[1,3,5-]	99-35-4	N	0.262	—	—	0.0838	µg/L	Y	U	U	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	Trinitrobenzene[1,3,5-]	99-35-4	N	0.265	—	—	0.0847	µg/L	Y	U	U	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	Trinitrobenzene[1,3,5-]	99-35-4	N	0.284	—	—	0.0909	µg/L	Y	U	U	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	Trinitrobenzene[1,3,5-]	99-35-4	N	0.287	—	—	0.092	µg/L	Y	U	U	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	Trinitrobenzene[1,3,5-]	99-35-4	N	0.255	—	—	0.0816	µg/L	Y	U	U	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.508	—	—	0.067	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.482	—	—	0.067	µg/L	Y	—	NQ	2014-3405	CAWA-14-77938	GELC
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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.36	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.87	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77938	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-R-15-3 S4	1235.1	05/16/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.04	—	—	2.5	µg/L	Y	J	J	2014-3405	CAWA-14-77943	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	12/18/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2014-2709	CAWA-14-46039	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	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	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	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2013-2069	CAWA-13-41328	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	U	11-2396	CAWA-11-7364	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	2014-3405	CAWA-14-77946	GELC
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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	—	0.725	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	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	23.4	—	—	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.6	—	—	0.067	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.65	—	—	2	µg/L	Y	J	J	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0766	—	—	0.033	mg/L	Y	J	J	2014-3405	CAWA-14-77946	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	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	05/16/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.5	—	—	0.453	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.165	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.37	—	—	0.165	µg/L	Y	—	U	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.23	—	—	0.165	µg/L	Y	—	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	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.57	—	—	0.5	µg/L	Y	J	J	2014-3405	CAWA-14-77946	GELC
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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.367	—	—	0.017	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.244	—	—	0.05	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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

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	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.2	—	—	0.53	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	GELC
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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.59	—	—	0.133	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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

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	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	05/16/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2014-3405	CAWA-14-77943	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-3022	CAWA-14-54705	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	05/16/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.58	—	—	0.33	mg/L	Y	J	J	2014-3405	CAWA-14-77943	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
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0259	—	—	0.017	mg/L	Y	J	J	2014-3405	CAWA-14-77946	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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.71	—	—	0.067	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	GELC
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	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.31	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77946	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	277	—	—	68	µg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	Y	269	—	—	68	µg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	53.1	—	—	1	µg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	52.4	—	—	1	µg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.77	—	—	2	µg/L	Y	J	J	2014-4214	CAWA-14-84566	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	08/05/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.2	—	—	0.453	mg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.2	—	—	0.453	mg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.377	—	—	0.0829	µg/L	Y	H	NQ	2014-4214	CAWA-14-84586	GELC
16-26644	130	08/05/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.262	—	—	0.087	µg/L	Y	HJ	J	2014-4214	CAWA-14-84568	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	145	—	—	30	µg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	162	—	—	30	µg/L	Y	—	NQ	2014-4214	CAWA-14-84566	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	88.6	—	—	30	µg/L	Y	J	U	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	55.8	—	—	30	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	Iron	Fe	Y	34.4	—	—	30	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	Iron	Fe	Y	42.4	—	—	30	µg/L	Y	J	J	12-1422	CAWA-12-17555	GELC
16-26644	130	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.5	—	—	0.11	mg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.49	—	—	0.11	mg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.679	—	—	0.165	µg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.621	—	—	0.165	µg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.65	—	—	0.5	µg/L	Y	J	J	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.44	—	—	0.5	µg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.85	—	—	0.05	mg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	6.17	—	—	0.0829	µg/L	Y	H	NQ	2014-4214	CAWA-14-84586	GELC
16-26644	130	08/05/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.38	—	—	0.087	µg/L	Y	H	NQ	2014-4214	CAWA-14-84568	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
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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.9	—	—	0.3	µg/L	Y	J	J	2014-4214	CAWA-14-84586	GELC
16-26644	130	08/05/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.89	—	—	0.3	µg/L	Y	J	J	2014-4214	CAWA-14-84568	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	08/05/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.55	—	—	0.3	µg/L	Y	J	J	2014-4214	CAWA-14-84586	GELC
16-26644	130	08/05/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.54	—	—	0.3	µg/L	Y	J	J	2014-4214	CAWA-14-84568	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
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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.522	—	—	0.067	µg/L	Y	—	NQ	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.545	—	—	0.067	µg/L	Y	—	NQ	2014-4214	CAWA-14-84566	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.48	—	—	1	µg/L	Y	J	J	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.8	—	—	1	µg/L	Y	J	J	2014-4214	CAWA-14-84566	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	J-	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	J-	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	J-	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.8	—	—	0.725	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.2	—	—	0.725	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	—	0.73	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.7	—	—	0.73	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.5	—	—	0.73	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	106	—	—	68	µg/L	Y	J	J	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	672	—	—	68	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	366	—	—	68	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	2900	—	—	68	µg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00401	0.00695	0.047	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0126	0.00665	0.0445	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0132	0.005	0.032	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00381	0.0032	0.044	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00342	0.0045	0.032	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.107	—	—	0.086	µg/L	Y	HJ	J	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.103	—	—	0.0889	µg/L	Y	J	J	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.106	—	—	0.1	µg/L	Y	J	J	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.116	—	—	0.1	µg/L	Y	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	04/02/10	WS	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	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.138	—	—	0.086	µg/L	Y	HJ	J	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.0899	—	—	0.0889	µg/L	Y	J	J	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.107	—	—	0.1	µg/L	Y	J	J	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.148	—	—	0.1	µg/L	Y	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	04/02/10	WS	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	UJ	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.13	—	—	0.017	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0691	—	—	0.017	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.059	—	—	0.016	mg/L	Y	—	U	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.028	—	—	0.016	mg/L	Y	J	U	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	107	—	—	1	µg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	73.7	—	—	1	µg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	53	—	—	1	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	66.2	—	—	1	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	82.4	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.6	—	—	15	µg/L	Y	J	J	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	44.8	—	—	15	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	0.05	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.97	—	—	0.05	mg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.776	1.59	5.68	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.416	1.49	4.67	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.592	1.1	3.9	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.21	1.4	4.2	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.31	1.3	4.4	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.5	—	—	0.134	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.08	—	—	0.067	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.6	—	—	0.066	mg/L	Y	—	J+	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.4	—	—	0.066	mg/L	Y	—	J+	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.7	—	—	0.066	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.25	1.45	6.21	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.9	1.23	5.94	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.159	1.2	4.1	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.8	1.6	4.7	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.218	1.5	4.7	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.103	—	—	0.033	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.178	—	—	0.033	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.253	—	—	0.033	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.133	—	—	0.033	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.04	0.514	2.8	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.17	0.974	2.88	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.631	0.61	2.2	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.00163	0.62	2.8	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.106	0.463	2.17	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.11	0.774	2.03	—	pCi/L	Y	—	NQ	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	35.9	2.05	2.92	—	pCi/L	Y	—	NQ	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.33	0.96	2.1	—	pCi/L	Y	—	NQ	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.5	1.4	3.9	—	pCi/L	Y	—	NQ	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.19	1.05	2.46	—	pCi/L	Y	—	J	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.1	—	—	0.453	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.4	—	—	0.453	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.7	—	—	0.45	mg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.9	—	—	0.35	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.8	—	—	0.35	mg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.319	—	—	0.086	µg/L	Y	H	NQ	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.139	—	—	0.0889	µg/L	Y	J	J	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	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	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.106	—	—	0.1	µg/L	Y	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	04/02/10	WS	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	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	51.6	—	—	30	µg/L	Y	J	J	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	31.9	—	—	30	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	366	—	—	30	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	211	—	—	30	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1420	—	—	30	µg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.61	—	—	0.11	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.26	—	—	0.11	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.21	—	—	0.085	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.32	—	—	0.085	mg/L	Y	E	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	4.11	—	—	2	µg/L	Y	J	J	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	29.5	—	—	2	µg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.58	—	—	2	µg/L	Y	J	J	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.09	—	—	2	µg/L	Y	J	J	11-7	CAWA-10-25689	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	10.2	—	—	2	µg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.165	µg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.6	—	—	0.165	µg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.722	—	—	0.17	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.724	—	—	0.1	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.55	—	—	0.1	µg/L	Y	—	U	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.72	3.27	10.6	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.31	2.4	9.03	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.8	2.7	9.2	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-14.9	10	31	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-10.7	6.5	18	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.642	—	—	0.5	µg/L	Y	J	J	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.01	—	—	0.5	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.864	—	—	0.5	µg/L	Y	J	J	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.514	—	—	0.5	µg/L	Y	J	J	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.24	—	—	0.5	µg/L	Y	J	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00783	0.0386	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0139	0.00924	0.0359	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00395	0.0063	0.022	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00187	0.009	0.031	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00348	0.0055	0.025	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00903	0.0672	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0139	0.0115	0.0385	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00198	0.0034	0.039	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0053	0.031	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00348	0.0055	0.03	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.7	—	—	0.05	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.86	—	—	0.05	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3	—	—	0.05	mg/L	Y	—	J+	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.97	—	—	0.05	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.09	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.03	21.2	81.5	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.7	17.3	74.2	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	34.8	18	67	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.57	19	60	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.3	18	54	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.185	—	—	0.086	µg/L	Y	HJ	J	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.278	—	—	0.0889	µg/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	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	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	UJ	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	04/02/10	WS	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	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.1	—	—	0.053	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46.3	—	—	0.053	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	45.8	—	—	0.053	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.9	—	—	0.053	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	41.6	—	—	0.032	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.78	1.71	7.11	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.583	1.2	4.86	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.82	1.4	3.7	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.02	1.5	5.1	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.69	1.3	4.7	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	221	—	—	1	µS/cm	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	1	µS/cm	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	1	µS/cm	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	145	—	—	1	µg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	144	—	—	1	µg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	65.1	—	—	1	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	90.9	—	—	1	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	86.2	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0483	0.135	0.48	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.231	0.146	0.482	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00789	0.1	0.37	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0388	0.13	0.45	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.154	0.14	0.49	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.55	—	—	0.133	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.66	—	—	0.133	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.43	—	—	0.1	mg/L	Y	—	J+	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.95	—	—	0.1	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.44	—	—	0.1	mg/L	Y	—	J-	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	2.4	mg/L	Y	H	J-	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	2.4	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	89	—	—	2.4	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.47	—	—	0.033	mg/L	Y	—	NQ	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.156	—	—	0.033	mg/L	Y	—	NQ	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.263	—	—	0.033	mg/L	Y	—	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	04/10/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.18	—	—	0.33	mg/L	Y	—	NQ	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.7	—	—	0.33	mg/L	Y	—	NQ	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.91	—	—	0.33	mg/L	Y	—	NQ	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.32	—	—	0.33	mg/L	Y	—	NQ	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	04/10/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.36	—	—	0.33	mg/L	Y	—	NQ	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.116	—	—	0.067	µg/L	Y	J	J	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.168	—	—	0.067	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.05	µg/L	Y	U	U	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.119	—	—	0.05	µg/L	Y	J	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0518	0.0132	0.0641	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0872	0.0182	0.066	—	pCi/L	Y	—	NQ	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.00438	0.0088	0.043	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0195	0.0077	0.066	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	-0.00484	0.027	0.17	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0101	0.0386	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00385	0.00861	0.0409	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00318	0.0032	0.033	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00694	0.007	0.034	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.012	0.019	0.089	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0544	0.0144	0.0572	—	pCi/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0717	0.0168	0.0531	—	pCi/L	Y	—	J	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0231	0.0079	0.026	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0112	0.007	0.041	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0194	0.019	0.09	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.34	—	—	1	µg/L	Y	J	J	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.6	—	—	1	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.19	—	—	1	µg/L	Y	J	J	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.74	—	—	1	µg/L	Y	J	J	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.13	—	—	1	µg/L	Y	J	J	10-2657	CAWA-10-14937	GELC
Bulldog Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	871	—	—	68	µg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.24	—	—	0.0879	µg/L	Y	HJQ	J	2014-4351	CAPA-14-84558	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
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	—	08/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.126	—	—	0.0879	µg/L	Y	HJ	J	2014-4351	CAPA-14-84558	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.259	—	—	0.0829	µg/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.278	—	—	0.0889	µg/L	Y	U	U	2013-1962	CAWA-13-40700	GELC
Bulldog 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	0.094	—	—	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-4,6-dinitrotoluene[2-]	35572-78-2	N	0.284	—	—	0.0909	µg/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.294	—	—	0.0941	µg/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	78.8	—	—	1	µg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.8	—	—	15	µg/L	Y	J	J	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.1	—	—	0.05	mg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.4	—	—	0.453	mg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.83	—	—	0.0879	µg/L	Y	HQ	NQ	2014-4351	CAPA-14-84558	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	410	—	—	30	µg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.89	—	—	0.11	mg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.79	—	—	2	µg/L	Y	J	J	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.977	—	—	0.165	µg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.62	—	—	0.5	µg/L	Y	J	J	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.41	—	—	0.05	mg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	6.26	—	—	0.0879	µg/L	Y	HQ	NQ	2014-4351	CAPA-14-84558	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.8	—	—	0.1	mg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	127	—	—	1	µg/L	Y	—	NQ	2014-4351	CAPA-14-84560	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.475	—	—	0.067	µg/L	Y	—	NQ	2014-4351	CAPA-14-84560	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.265	—	—	0.067	µg/L	Y	—	U	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.215	—	—	0.067	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.302	—	—	0.067	µg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.578	—	—	0.067	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.605	—	—	0.067	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.86	—	—	1	µg/L	Y	J	J	2014-4351	CAPA-14-84560	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
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.25	—	—	0.01	SU	Y	H	NQ	2014-4295	CAWA-14-84603	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	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.725	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	490	—	—	68	µg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.8	Aluminum	Al	Y	418	—	—	15	µg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	333	—	—	68	µg/L	Y	—	NQ	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	04/11/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	219	—	—	68	µg/L	Y	—	NQ	11-2005	CAWA-11-5401	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	635	—	—	68	µg/L	Y	—	NQ	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	1840	—	—	68	µg/L	Y	N*	J+	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	1350	—	—	68	µg/L	Y	N*	J+	10-2717	CAWA-10-14975	GELC
Burning Ground Spring	—	08/08/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.332	—	—	0.0851	µg/L	Y	—	NQ	2014-4295	CAWA-14-84587	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	—	08/08/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.262	—	—	0.0851	µg/L	Y	J	J	2014-4295	CAWA-14-84587	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.303	—	—	0.097	µg/L	Y	U	U	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-4,6-dinitrotoluene[2-]	35572-78-2	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-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.156	—	—	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-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.132	—	—	0.0889	µg/L	Y	J	J	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0374	—	—	0.017	mg/L	Y	J	J	2014-4295	CAWA-14-84603	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	209	—	—	1	µg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.8	Barium	Ba	Y	201	—	—	0.6	µg/L	Y	—	J-	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	227	—	—	1	µg/L	Y	—	NQ	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	04/11/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	168	—	—	1	µg/L	Y	—	NQ	11-2005	CAWA-11-5401	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	175	—	—	1	µg/L	Y	—	NQ	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	271	—	—	1	µg/L	Y	—	NQ	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	272	—	—	1	µg/L	Y	—	NQ	10-2717	CAWA-10-14975	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22	—	—	15	µg/L	Y	J	J	2014-4295	CAWA-14-84603	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.1	—	—	15	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	Boron	B	Y	17	—	—	15	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	Boron	B	Y	18.2	—	—	15	µg/L	Y	J	J	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.8	Boron	B	Y	17.6	—	—	4	µg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.9	—	—	15	µg/L	Y	J	J	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	04/11/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19	—	—	15	µg/L	Y	J	J	11-2005	CAWA-11-5401	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.8	—	—	15	µg/L	Y	J	J	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	23.9	—	—	15	µg/L	Y	J	J	10-2717	CAWA-10-14975	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:410.4	Chemical Oxygen Demand	COD	Y	13.1	—	—	6.67	mg/L	Y	J	J	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	0.335	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.7	—	—	0.335	mg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	07/31/06	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.5	—	—	0.066	mg/L	Y	—	NQ	168374	GU060700GSGB01	GELC
Burning Ground Spring	—	04/03/06	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.8	—	—	0.066	mg/L	Y	—	NQ	159873	GU06020GSGB01	GELC
Burning Ground Spring	—	04/03/06	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.7	—	—	0.066	mg/L	Y	—	NQ	159873	GU06030GSGB90	GELC
Burning Ground Spring	—	11/09/05	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.5	—	—	0.053	mg/L	Y	—	NQ	150020	GU05100GSGB01	GELC
Burning Ground Spring	—	08/26/05	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.9	—	—	0.053	mg/L	Y	—	J+	144344	GU05070GSGB01	GELC
Burning Ground Spring	—	08/26/05	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15	—	—	0.053	mg/L	Y	—	NQ	144838	GU05070GSGB90	GELC
Burning Ground Spring	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.8	Copper	Cu	Y	0.826	—	—	0.35	µg/L	Y	J	J	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	04/11/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	11-2005	CAWA-11-5401	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	10-2717	CAWA-10-14975	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.103	—	—	0.033	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0983	—	—	0.033	mg/L	Y	J	J	2014-4272	CACV-14-85835	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	07/31/06	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.172	—	—	0.033	mg/L	Y	—	NQ	168374	GU060700GSGB01	GELC
Burning Ground Spring	—	04/03/06	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.17	—	—	0.033	mg/L	Y	—	U	159873	GU06020GSGB01	GELC
Burning Ground Spring	—	04/03/06	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.165	—	—	0.033	mg/L	Y	—	U	159873	GU06030GSGB90	GELC
Burning Ground Spring	—	11/09/05	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.17	—	—	0.03	mg/L	Y	—	NQ	150020	GU05100GSGB01	GELC
Burning Ground Spring	—	08/26/05	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.146	—	—	0.03	mg/L	Y	—	NQ	144344	GU05070GSGB01	GELC
Burning Ground Spring	—	08/26/05	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.158	—	—	0.03	mg/L	Y	—	NQ	144838	GU05070GSGB90	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75	—	—	0.453	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/08/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.88	—	—	0.0851	µg/L	Y	Q	NQ	2014-4295	CAWA-14-84587	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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	243	—	—	30	µg/L	Y	—	NQ	2014-4295	CAWA-14-84603	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	245	—	—	30	µg/L	Y	—	U	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	141	—	—	30	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	36.3	—	—	30	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	Iron	Fe	Y	135	—	—	30	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.7	Iron	Fe	Y	269	—	—	30	µg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	169	—	—	30	µg/L	Y	—	NQ	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	04/11/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	99.3	—	—	30	µg/L	Y	J	J	11-2005	CAWA-11-5401	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	290	—	—	30	µg/L	Y	—	NQ	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	855	—	—	30	µg/L	Y	*	J	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	652	—	—	30	µg/L	Y	*	J	10-2717	CAWA-10-14975	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.01	—	—	0.11	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.8	Magnesium	Mg	Y	5.58	—	—	0.01	mg/L	Y	E	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.68	—	—	0.11	mg/L	Y	—	NQ	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	04/11/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.5	—	—	0.11	mg/L	Y	—	NQ	11-2005	CAWA-11-5401	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.25	—	—	0.085	mg/L	Y	—	NQ	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.06	—	—	0.085	mg/L	Y	—	NQ	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.09	—	—	0.085	mg/L	Y	—	NQ	10-2717	CAWA-10-14975	GELC
Burning Ground Spring	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.8	Manganese	Mn	Y	2.11	—	—	1	µg/L	Y	J	J	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.94	—	—	2	µg/L	Y	J	J	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	04/11/11	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-2005	CAWA-11-5401	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.2	—	—	2	µg/L	Y	J	J	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.34	—	—	2	µg/L	Y	J	J	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.68	—	—	2	µg/L	Y	J	J	10-2717	CAWA-10-14975	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.663	—	—	0.165	µg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.8	Molybdenum	Mo	Y	0.654	—	—	0.165	µg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.647	—	—	0.17	µg/L	Y	—	NQ	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	04/11/11	WG	UF	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.662	—	—	0.17	µg/L	Y	—	NQ	11-2005	CAWA-11-5401	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.627	—	—	0.1	µg/L	Y	—	NQ	10-4543	CAWA-10-25704	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	04/09/10	WG	UF	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.575	—	—	0.1	µg/L	Y	—	U	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.566	—	—	0.1	µg/L	Y	—	U	10-2717	CAWA-10-14975	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.3	—	—	0.5	µg/L	Y	J	J	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.8	Nickel	Ni	Y	1.33	—	—	0.5	µg/L	Y	J	J	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.81	—	—	0.5	µg/L	Y	J	J	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	04/11/11	WG	UF	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.28	—	—	0.5	µg/L	Y	J	J	11-2005	CAWA-11-5401	GELC
Burning Ground Spring	—	09/10/10	WG	UF	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.59	—	—	0.5	µg/L	Y	J	J	10-4543	CAWA-10-25704	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.38	—	—	0.5	µg/L	Y	—	NQ	10-2717	CAWA-10-14972	GELC
Burning Ground Spring	—	04/09/10	WG	UF	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.27	—	—	0.5	µg/L	Y	—	NQ	10-2717	CAWA-10-14975	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.04	—	—	0.085	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.13	—	—	0.085	mg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	07/31/06	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.52	—	—	0.014	mg/L	Y	—	NQ	168374	GU060700GSGB01	GELC
Burning Ground Spring	—	04/03/06	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.02	—	—	0.014	mg/L	Y	—	NQ	159873	GU06020GSGB01	GELC
Burning Ground Spring	—	04/03/06	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.991	—	—	0.014	mg/L	Y	—	NQ	159873	GU06030GSGB90	GELC
Burning Ground Spring	—	11/09/05	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.497	—	—	0.085	mg/L	Y	—	NQ	150020	GU05100GSGB01	GELC
Burning Ground Spring	—	08/26/05	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.769	—	—	0.017	mg/L	Y	—	NQ	144344	GU05070GSGB01	GELC
Burning Ground Spring	—	08/26/05	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.768	—	—	0.017	mg/L	Y	—	NQ	144838	GU05070GSGB90	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.618	—	—	0.05	µg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.36	—	—	0.05	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/08/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	22.5	—	—	0.213	µg/L	Y	—	NQ	2014-4295	CAWA-14-84587	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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.7	—	—	0.053	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.5	—	—	0.1	mg/L	Y	N	NQ	2014-4295	CAWA-14-84603	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	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	232	—	—	1	µS/cm	Y	—	NQ	2014-4295	CAWA-14-84603	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.14	—	—	0.133	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.97	—	—	0.133	mg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	07/31/06	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.82	—	—	0.1	mg/L	Y	—	NQ	168374	GU060700GSGB01	GELC
Burning Ground Spring	—	04/03/06	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.32	—	—	0.1	mg/L	Y	—	NQ	159873	GU06020GSGB01	GELC
Burning Ground Spring	—	04/03/06	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.32	—	—	0.1	mg/L	Y	—	NQ	159873	GU06030GSGB90	GELC
Burning Ground Spring	—	11/09/05	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.06	—	—	0.057	mg/L	Y	—	NQ	150020	GU05100GSGB01	GELC
Burning Ground Spring	—	08/26/05	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.8	—	—	0.057	mg/L	Y	—	NQ	144344	GU05070GSGB01	GELC
Burning Ground Spring	—	08/26/05	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.2	—	—	0.057	mg/L	Y	—	NQ	144838	GU05070GSGB90	GELC
Burning Ground Spring	—	08/08/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.48	—	—	0.3	µg/L	Y	—	J+	2014-4295	CAWA-14-84587	GELC
Burning Ground Spring	—	08/07/14	WG	UF	INIT	REG	VOC	EPA:624	Tetrachloroethene	127-18-4	Y	1.65	—	—	0.3	µg/L	Y	—	NQ	2014-4272	CACV-14-85835	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	—	08/07/14	WG	UF	INIT	REG	INORGANIC	EPA:200.8	Titanium	Ti	Y	7.88	—	—	2	µg/L	Y	J	J	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.108	—	—	0.033	mg/L	Y	—	NQ	2014-4272	CACV-14-85835	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	—	08/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.6	—	—	0.33	mg/L	Y	—	NQ	2014-4295	CAWA-14-84587	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	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0365	—	—	0.017	mg/L	Y	J	J	2014-4295	CAWA-14-84603	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	—	08/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0489	—	—	0.017	mg/L	Y	J	J	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	08/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:420.4	Total Recoverable Phenolics	PHENOLICS	Y	2.27	—	—	1.67	µg/L	Y	J	J-	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	08/08/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.14	—	—	0.3	µg/L	Y	—	NQ	2014-4295	CAWA-14-84587	GELC
Burning Ground Spring	—	08/07/14	WG	UF	INIT	REG	VOC	EPA:624	Trichloroethene	79-01-6	Y	1.32	—	—	0.3	µg/L	Y	—	NQ	2014-4272	CACV-14-85835	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	08/08/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.355	—	—	0.0851	µg/L	Y	—	J-	2014-4295	CAWA-14-84587	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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.431	—	—	0.067	µg/L	Y	—	NQ	2014-4295	CAWA-14-84603	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.424	—	—	0.067	µg/L	Y	—	U	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.793	—	—	0.067	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.631	—	—	0.067	µg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.718	—	—	0.067	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.49	—	—	1	µg/L	Y	J	J	2014-4295	CAWA-14-84603	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
Canon de Valle below MDA P	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	72.2	—	—	68	µg/L	Y	J	J	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.328	—	—	0.0812	µg/L	Y	—	NQ	2014-4295	CAWA-14-84588	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	—	08/08/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.115	—	—	0.0812	µg/L	Y	J	J	2014-4295	CAWA-14-84588	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.286	—	—	0.0914	µg/L	Y	U	U	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-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.31	—	—	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-4,6-dinitrotoluene[2-]	35572-78-2	N	0.265	—	—	0.0847	µg/L	Y	U	U	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-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.102	—	—	0.0909	µg/L	Y	J	J	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	4100	—	—	1	µg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	99.7	—	—	15	µg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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
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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	32.3	—	—	0.05	mg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	107	—	—	0.453	mg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	19.1	—	—	0.203	µg/L	Y	—	NQ	2014-4295	CAWA-14-84588	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	34.2	—	—	30	µg/L	Y	J	J	2014-4295	CAWA-14-84604	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	103	—	—	30	µg/L	Y	—	U	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	209	—	—	30	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	Iron	Fe	Y	31.3	—	—	30	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	Iron	Fe	Y	30.4	—	—	30	µg/L	Y	J	J	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.37	—	—	0.11	mg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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
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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	11.9	—	—	2	µg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.6	—	—	0.165	µg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.24	—	—	0.5	µg/L	Y	J	J	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.47	—	—	0.05	mg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	11.1	—	—	0.203	µg/L	Y	—	NQ	2014-4295	CAWA-14-84588	GELC
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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	N	NQ	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	219	—	—	1	µg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	Y	0.176	—	—	0.0812	µg/L	Y	JQ	J	2014-4295	CAWA-14-84588	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	N	0.286	—	—	0.0914	µg/L	Y	U	U	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	Trinitrotoluene[2,4,6-]	118-96-7	Y	0.119	—	—	0.0879	µg/L	Y	J	J	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	Trinitrotoluene[2,4,6-]	118-96-7	N	0.265	—	—	0.0847	µg/L	Y	U	U	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	Trinitrotoluene[2,4,6-]	118-96-7	N	0.284	—	—	0.0909	µg/L	Y	U	U	12-1425	CAWA-12-17538	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.212	—	—	0.067	µg/L	Y	—	NQ	2014-4295	CAWA-14-84604	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	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.33	—	—	1	µg/L	Y	J	J	2014-4295	CAWA-14-84604	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
CDV-16-02656	3	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	769	—	—	68	µg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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
CDV-16-02656	3	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3670	—	—	1	µg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.7	—	—	15	µg/L	Y	J	J	2014-4254	CAWA-14-84605	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.4	—	—	15	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	Boron	B	Y	15.9	—	—	15	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	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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	08/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.6	—	—	0.453	mg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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	08/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.0918	—	—	0.086	µg/L	Y	HJ	J	2014-4254	CAWA-14-84589	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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	380	—	—	30	µg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.81	—	—	0.11	mg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	8.32	—	—	2	µg/L	Y	J	J	2014-4254	CAWA-14-84605	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.742	—	—	0.165	µg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.03	—	—	0.5	µg/L	Y	J	J	2014-4254	CAWA-14-84605	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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.15	—	—	0.05	mg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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	08/06/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.191	—	—	0.086	µg/L	Y	HJ	J	2014-4254	CAWA-14-84589	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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	164	—	—	1	µg/L	Y	—	NQ	2014-4254	CAWA-14-84605	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	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.6	—	—	1	µg/L	Y	J	J	2014-4254	CAWA-14-84605	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	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	Vanadium	V	N	5	—	—	1	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	Vanadium	V	Y	2.01	—	—	1	µg/L	Y	J	J	12-1453	CAWA-12-17558	GELC
CDV-16-02659	1.7	08/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.9	—	—	0.0879	µg/L	Y	H	NQ	2014-4214	CAWA-14-84590	GELC
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	08/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.25	—	—	0.0879	µg/L	Y	H	NQ	2014-4214	CAWA-14-84590	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8350	—	—	1	µg/L	Y	—	NQ	2014-4214	CAWA-14-84606	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	67.4	—	—	15	µg/L	Y	—	NQ	2014-4214	CAWA-14-84606	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.124	—	—	0.11	µg/L	Y	J	J	2014-4214	CAWA-14-84606	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	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-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	34	—	—	0.05	mg/L	Y	—	NQ	2014-4214	CAWA-14-84606	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	08/05/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	122	—	—	0.453	mg/L	Y	—	NQ	2014-4214	CAWA-14-84606	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	08/05/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	19.9	—	—	0.22	µg/L	Y	H	NQ	2014-4214	CAWA-14-84590	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	9.06	—	—	0.11	mg/L	Y	—	NQ	2014-4214	CAWA-14-84606	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.526	—	—	0.165	µg/L	Y	—	NQ	2014-4214	CAWA-14-84606	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.1	—	—	0.5	µg/L	Y	J	J	2014-4214	CAWA-14-84606	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.08	—	—	0.05	mg/L	Y	—	NQ	2014-4214	CAWA-14-84606	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	8.49	—	—	0.0879	µg/L	Y	H	NQ	2014-4214	CAWA-14-84590	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.1	—	—	0.1	mg/L	Y	—	NQ	2014-4214	CAWA-14-84606	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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	270	—	—	1	µg/L	Y	—	NQ	2014-4214	CAWA-14-84606	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
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	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.095	—	—	0.067	µg/L	Y	J	J	2014-4214	CAWA-14-84606	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.212	—	—	0.067	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	Uranium	U	Y	0.174	—	—	0.067	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	Uranium	U	Y	0.182	—	—	0.067	µg/L	Y	J	J	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.04	—	—	1	µg/L	Y	J	J	2014-4214	CAWA-14-84606	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.92	—	—	1	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	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.58	—	—	1	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-846:6010B	Vanadium	V	Y	1.01	—	—	1	µg/L	Y	J	J	12-1445	CAWA-12-17514	GELC
CdV-16-1(i)	624	08/20/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.202	—	—	0.086	µg/L	Y	HJ	J	2014-4404	CAWA-14-84591	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.1	—	—	1	µg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	72	—	—	15	µg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	24.8	—	—	3	µg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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
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	08/20/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59	—	—	0.453	mg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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	08/20/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.57	—	—	0.086	µg/L	Y	H	NQ	2014-4404	CAWA-14-84591	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.92	—	—	0.11	mg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	7.96	—	—	2	µg/L	Y	J	J	2014-4404	CAWA-14-84607	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.06	—	—	0.5	µg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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
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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.58	—	—	0.05	mg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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	08/20/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	25.5	—	—	0.43	µg/L	Y	H	NQ	2014-4404	CAWA-14-84591	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.9	—	—	1	µg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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	08/20/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.79	—	—	0.3	µg/L	Y	J	J	2014-4404	CAWA-14-84591	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1.49	—	—	0.3	µg/L	Y	H	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.3	—	—	0.3	µg/L	Y	—	NQ	2013-1863	CAWA-13-40705	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.3	—	—	0.3	µg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.44	—	—	0.3	µg/L	Y	—	NQ	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	08/20/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	13.5	—	—	0.3	µg/L	Y	—	NQ	2014-4404	CAWA-14-84591	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	UH	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.45	—	—	0.3	µg/L	Y	J	J	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	U	U	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.325	—	—	0.067	µg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.57	—	—	1	µg/L	Y	J	J	2014-4404	CAWA-14-84607	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	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	70.7	—	—	3.3	µg/L	Y	—	NQ	2014-4404	CAWA-14-84607	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-16-2(i)r	850	08/18/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.12	—	—	0.0825	µg/L	Y	HJ	J	2014-4391	CAWA-14-84592	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.45	—	—	1	µg/L	Y	J	J	2014-4391	CAWA-14-84608	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
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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	2014-4391	CAWA-14-84608	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.84	—	—	0.05	mg/L	Y	—	NQ	2014-4391	CAWA-14-84608	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.7	—	—	3	µg/L	Y	J	J	2014-4391	CAWA-14-84608	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	3.14	—	—	3	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	Copper	Cu	N	10	—	—	3	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	Copper	Cu	Y	3.13	—	—	3	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	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	08/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.2	—	—	0.453	mg/L	Y	—	NQ	2014-4391	CAWA-14-84608	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/18/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.927	—	—	0.0825	µg/L	Y	H	NQ	2014-4391	CAWA-14-84592	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.58	—	—	0.11	mg/L	Y	—	NQ	2014-4391	CAWA-14-84608	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	08/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.36	—	—	0.3	µg/L	Y	J	J	2014-4391	CAWA-14-84592	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.84	—	—	0.165	µg/L	Y	—	NQ	2014-4391	CAWA-14-84608	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.819	—	—	0.165	µg/L	Y	—	U	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.165	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	Molybdenum	Mo	N	1.26	—	—	0.165	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	Molybdenum	Mo	N	1.16	—	—	0.165	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	Molybdenum	Mo	Y	0.957	—	—	0.165	µg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.313	—	—	0.05	mg/L	Y	—	NQ	2014-4391	CAWA-14-84608	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	08/18/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	103	—	—	2.06	µg/L	Y	H	NQ	2014-4391	CAWA-14-84592	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	2014-4391	CAWA-14-84608	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.5	—	—	1	µg/L	Y	—	NQ	2014-4391	CAWA-14-84608	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	08/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.53	—	—	0.3	µg/L	Y	J	J	2014-4391	CAWA-14-84592	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	08/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.66	—	—	0.3	µg/L	Y	J	J	2014-4391	CAWA-14-84592	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	08/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.31	—	—	0.3	µg/L	Y	J	J	2014-4391	CAWA-14-84592	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.278	—	—	0.067	µg/L	Y	—	NQ	2014-4391	CAWA-14-84608	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.04	—	—	1	µg/L	Y	J	J	2014-4391	CAWA-14-84608	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	21.5	—	—	3.3	µg/L	Y	—	NQ	2014-4391	CAWA-14-84608	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
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-16-4ip S1	815.6	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.2	—	—	0.01	SU	Y	H	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.7	—	—	0.725	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46.5	—	—	0.725	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46.5	—	—	0.725	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.76	—	—	0.0833	µg/L	Y	—	NQ	2014-4394	CAWA-14-84593	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.26	—	—	0.0825	µg/L	Y	—	NQ	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.34	—	—	0.0851	µg/L	Y	—	NQ	2014-3405	CAWA-14-77937	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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0437	—	—	0.017	mg/L	Y	J	J	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0851	—	—	0.017	mg/L	Y	—	U	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0756	—	—	0.017	mg/L	Y	—	U	2014-3405	CAWA-14-77938	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0544	—	—	0.017	mg/L	Y	—	U	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0355	—	—	0.017	mg/L	Y	J	U	2014-3019	CAWA-14-54706	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.3	—	—	1	µg/L	Y	J	J	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.2	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.73	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77938	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	67.1	—	—	15	µg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	63.4	—	—	15	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	62.4	—	—	15	µg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.75	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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
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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.16	—	—	0.067	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.5	—	—	0.067	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.51	—	—	0.067	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.73	—	—	2	µg/L	Y	J	J	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	2	—	—	2	µg/L	Y	U	U	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	2	—	—	2	µg/L	Y	U	U	2014-3405	CAWA-14-77938	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	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-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2709	CAWA-14-46041	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	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-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0707	—	—	0.033	mg/L	Y	J	J	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0801	—	—	0.033	mg/L	Y	J	J	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0768	—	—	0.033	mg/L	Y	J	J	2014-3405	CAWA-14-77938	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	08/19/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.9	—	—	0.453	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.453	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.9	—	—	0.453	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	6.33	—	—	0.0833	µg/L	Y	—	NQ	2014-4394	CAWA-14-84593	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.74	—	—	0.0825	µg/L	Y	—	NQ	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.26	—	—	0.0851	µg/L	Y	—	NQ	2014-3405	CAWA-14-77937	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
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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.9	—	—	0.11	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.8	—	—	0.11	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.576	—	—	0.165	µg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.564	—	—	0.165	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.45	—	—	0.165	µg/L	Y	J	J	2014-3405	CAWA-14-77938	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.646	—	—	0.165	µg/L	Y	—	U	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.62	—	—	0.165	µg/L	Y	—	U	2014-3019	CAWA-14-54706	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.633	—	—	0.5	µg/L	Y	J	J	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.563	—	—	0.5	µg/L	Y	J	J	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.577	—	—	0.5	µg/L	Y	J	J	2014-3405	CAWA-14-77938	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.791	—	—	0.5	µg/L	Y	J	U	2014-3019	CAWA-14-54760	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.853	—	—	0.5	µg/L	Y	J	U	2014-3019	CAWA-14-54706	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
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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.873	—	—	0.017	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.951	—	—	0.017	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.58	—	—	0.085	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/19/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.337	—	—	0.05	µg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.366	—	—	0.05	µg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.08	—	—	0.05	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.832	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.814	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	145	—	—	2.08	µg/L	Y	H	NQ	2014-4394	CAWA-14-84593	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	130	—	—	4.12	µg/L	Y	—	NQ	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	143	—	—	4.26	µg/L	Y	—	NQ	2014-3405	CAWA-14-77937	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	0.053	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.2	—	—	0.53	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.5	—	—	0.53	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.73	—	—	0.1	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.45	—	—	0.1	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	1	µS/cm	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	2014-3405	CAWA-14-77938	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.8	—	—	1	µg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.1	—	—	1	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.9	—	—	1	µg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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
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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.6	—	—	0.133	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.6	—	—	0.133	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.6	—	—	0.133	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.73	—	—	0.3	µg/L	Y	J	J	2014-4394	CAWA-14-84593	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1	—	—	0.3	µg/L	Y	—	NQ	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.8	—	—	0.3	µg/L	Y	J	J	2014-3405	CAWA-14-77937	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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2014-3405	CAWA-14-77938	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	08/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.803	—	—	0.33	mg/L	Y	J	J	2014-4394	CAWA-14-84593	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.716	—	—	0.33	mg/L	Y	J	J	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.589	—	—	0.33	mg/L	Y	J	J	2014-3405	CAWA-14-77937	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	08/19/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.45	—	—	0.3	µg/L	Y	J	J	2014-4394	CAWA-14-84593	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.61	—	—	0.3	µg/L	Y	J	J	2014-3405	CAWA-14-77942	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.56	—	—	0.3	µg/L	Y	J	J	2014-3405	CAWA-14-77937	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	08/19/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.401	1.737	1.904	—	pCi/L	Y	—	NQ	2014-4398	CAWA-14-84593	ARSL
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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.443	—	—	0.067	µg/L	Y	—	NQ	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.508	—	—	0.067	µg/L	Y	—	NQ	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.482	—	—	0.067	µg/L	Y	—	NQ	2014-3405	CAWA-14-77938	GELC
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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.72	—	—	1	µg/L	Y	J	J	2014-4394	CAWA-14-84609	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.36	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77945	GELC
CDV-16-4ip S1	815.6	05/16/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.87	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77938	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-16-611923	3.2	08/12/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.332	—	—	0.0899	µg/L	Y	—	NQ	2014-4334	CAWA-14-84594	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
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	08/12/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.273	—	—	0.0899	µg/L	Y	J	J	2014-4334	CAWA-14-84594	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15400	—	—	1	µg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	64	—	—	15	µg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	37.5	—	—	0.05	mg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	134	—	—	0.453	mg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/12/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	6.95	—	—	0.0899	µg/L	Y	—	NQ	2014-4334	CAWA-14-84594	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	1120	—	—	30	µg/L	Y	—	NQ	2014-4334	CAWA-14-84610	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	187	—	—	30	µg/L	Y	—	U	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	533	—	—	30	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	Iron	Fe	Y	564	—	—	30	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	Iron	Fe	Y	1220	—	—	30	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	Iron	Fe	Y	611	—	—	30	µg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	9.79	—	—	0.11	mg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	414	—	—	2	µg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.824	—	—	0.165	µg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.3	—	—	0.5	µg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.59	—	—	0.05	mg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.99	—	—	0.0899	µg/L	Y	B	J	2014-4334	CAWA-14-84594	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.6	—	—	0.1	mg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	384	—	—	1	µg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.217	—	—	0.067	µg/L	Y	—	NQ	2014-4334	CAWA-14-84610	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	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.85	—	—	1	µg/L	Y	J	J	2014-4334	CAWA-14-84610	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-R-15-3 S4	1235.1	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	2014-3405	CAWA-14-77946	GELC
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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.725	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	—	0.725	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0331	—	—	0.017	mg/L	Y	J	J	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0397	—	—	0.017	mg/L	Y	J	U	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.73	—	—	1.7	µg/L	Y	J	J	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	1.7	—	—	1.7	µg/L	Y	U	U	2014-3405	CAWA-14-77946	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	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	Arsenic	As	N	5	—	—	1.7	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	Arsenic	As	N	5	—	—	1.7	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	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.59	—	—	0.067	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.6	—	—	0.067	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0623	—	—	0.033	mg/L	Y	J	J	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0766	—	—	0.033	mg/L	Y	J	J	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.8	—	—	0.453	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.5	—	—	0.453	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.18	—	—	0.11	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.783	—	—	0.165	µg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.165	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.37	—	—	0.165	µg/L	Y	—	U	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.23	—	—	0.165	µg/L	Y	—	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	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.302	—	—	0.017	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.367	—	—	0.017	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.235	—	—	0.05	µg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.244	—	—	0.05	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.9	—	—	0.053	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.2	—	—	0.53	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	GELC
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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.1	—	—	1	µg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.27	—	—	0.133	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.59	—	—	0.133	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2014-3405	CAWA-14-77946	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.543	—	—	0.33	mg/L	Y	J	J	2014-4317	CAWA-14-84595	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.58	—	—	0.33	mg/L	Y	J	J	2014-3405	CAWA-14-77943	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	08/11/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.026	0.67	2.148	—	pCi/L	Y	U	U	2014-4344	CAWA-14-84595	ARSL
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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.485	—	—	0.067	µg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.71	—	—	0.067	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	GELC
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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.6	—	—	1	µg/L	Y	J	J	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.31	—	—	1	µg/L	Y	J	J	2014-3405	CAWA-14-77946	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-37-2 S2	1188.7	08/14/14	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	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.7	—	—	0.725	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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
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	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.134	—	—	0.017	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0463	—	—	0.017	mg/L	Y	J	U	2014-3032	CAWA-14-54764	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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.87	—	—	1.7	µg/L	Y	J	J	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	12/18/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-2709	CAWA-14-46043	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.34	—	—	0.05	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.65	—	—	0.067	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0994	—	—	0.033	mg/L	Y	J	J	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.6	—	—	0.453	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	96	—	—	30	µg/L	Y	J	J	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	64.7	—	—	30	µg/L	Y	J	U	2014-3032	CAWA-14-54764	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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.97	—	—	0.11	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	170	—	—	2	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.302	—	—	0.017	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.21	—	—	0.05	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.6	—	—	0.053	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.56	—	—	0.133	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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
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	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	J	2014-4382	CAWA-14-84612	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	08/14/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.348	0.723	1.978	—	pCi/L	Y	—	NQ	2014-4398	CAWA-14-84596	ARSL
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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.5	—	—	0.067	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
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	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.83	—	—	1	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	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
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	1740	—	—	68	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	2290	—	—	68	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	16700	—	—	68	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	11900	—	—	68	µg/L	Y	N	J+	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	14000	—	—	68	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	762	—	—	1	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	677	—	—	1	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	713	—	—	1	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	444	—	—	1	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	462	—	—	1	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	88.4	—	—	15	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	64.5	—	—	15	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.9	—	—	15	µg/L	Y	J	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	29.1	—	—	10	µg/L	Y	J	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	34.7	—	—	10	µg/L	Y	J	J	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.198	—	—	0.11	µg/L	Y	J	J	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.235	—	—	0.11	µg/L	Y	J	J	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.132	—	—	0.11	µg/L	Y	J	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.13	—	—	0.11	µg/L	Y	J	J	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.7	—	—	0.05	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.88	—	—	0.03	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.65	—	—	0.03	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	4.13	—	—	1	µg/L	Y	J	J	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	7.93	—	—	1	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	3.84	—	—	1	µg/L	Y	J	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	4.18	—	—	1	µg/L	Y	J	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	5.7	—	—	1	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	7.63	—	—	3	µg/L	Y	J	J	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	11.6	—	—	3	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	9.36	—	—	3	µg/L	Y	J	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	5.18	—	—	3	µg/L	Y	J	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	7.3	—	—	3	µg/L	Y	J	U	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	38.4	—	—	0.3	µg/L	Y	—	NQ	2014-4295	CAWA-14-84597	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	7.94	—	—	0.3	µg/L	Y	H	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	DL	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	1.18	—	—	0.6	µg/L	N	J	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	1.16	—	—	0.3	µg/L	Y	—	NQ	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	DL	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	8.36	—	—	1.5	µg/L	N	—	J	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	8.36	—	—	0.3	µg/L	Y	—	NQ	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	DL	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	8.25	—	—	0.75	µg/L	N	—	J	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	9.55	—	—	0.3	µg/L	Y	—	NQ	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.2	—	—	0.453	mg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.9	—	—	0.453	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	0.35	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31	—	—	0.35	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.3	—	—	0.43	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	59.7	—	—	0.884	µg/L	Y	—	NQ	2014-4295	CAWA-14-84597	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	58	—	—	2.2	µg/L	Y	—	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	36.6	—	—	1	µg/L	Y	—	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	19	—	—	0.26	µg/L	Y	—	NQ	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	33.3	—	—	0.52	µg/L	Y	—	J	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	1100	—	—	30	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	2040	—	—	30	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	10600	—	—	30	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	6830	—	—	25	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	7900	—	—	25	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	1.13	—	—	0.5	µg/L	Y	J	J	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	2.35	—	—	0.5	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	6.9	—	—	0.5	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	5.14	—	—	0.5	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	5.2	—	—	0.5	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.26	—	—	0.11	mg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.71	—	—	0.085	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.75	—	—	0.085	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.72	—	—	0.085	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	245	—	—	2	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	345	—	—	2	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	62.2	—	—	2	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	49.8	—	—	2	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	73.1	—	—	2	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.165	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.62	—	—	0.165	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.8	—	—	0.1	µg/L	Y	—	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.72	—	—	0.1	µg/L	Y	—	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.9	—	—	0.1	µg/L	Y	—	J	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.01	—	—	0.5	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12.2	—	—	0.5	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12.3	—	—	0.5	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.47	—	—	0.5	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.2	—	—	0.5	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.75	—	—	0.05	mg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.16	—	—	0.05	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.1	—	—	0.05	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.31	—	—	0.05	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.56	—	—	0.05	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	6.5	—	—	0.0884	µg/L	Y	Q	NQ	2014-4295	CAWA-14-84597	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.76	—	—	0.0879	µg/L	Y	—	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	5.78	—	—	0.1	µg/L	Y	—	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.03	—	—	0.13	µg/L	Y	—	J	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	7.47	—	—	0.13	µg/L	Y	—	J	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	Y	0.376	—	—	0.2	µg/L	Y	J	J	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	Y	0.97	—	—	0.2	µg/L	Y	J	J	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	Y	0.365	—	—	0.2	µg/L	Y	J	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	1	—	—	0.2	µg/L	Y	U	U	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	Y	0.34	—	—	0.2	µg/L	Y	JN	J-	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	N	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.69	—	—	0.045	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.2	—	—	0.045	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.7	—	—	1	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.4	—	—	1	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.1	—	—	1	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	28.5	—	—	0.3	µg/L	Y	—	J+	2014-4295	CAWA-14-84597	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	15.6	—	—	0.3	µg/L	Y	H	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	DL	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	127	—	—	0.6	µg/L	Y	—	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	114	—	—	0.3	µg/L	N	E	R	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	DL	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	200	—	—	2.3	µg/L	Y	—	NQ	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	203	—	—	0.45	µg/L	N	E	R	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	DL	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	193	—	—	0.63	µg/L	Y	—	NQ	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	186	—	—	0.25	µg/L	N	E	R	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	08/07/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	5.87	—	—	0.3	µg/L	Y	—	NQ	2014-4295	CAWA-14-84597	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	2.97	—	—	0.3	µg/L	Y	H	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	DL	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	3.84	—	—	0.5	µg/L	N	—	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	3.53	—	—	0.25	µg/L	Y	—	NQ	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	DL	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	10.9	—	—	1.3	µg/L	Y	—	J	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	10.3	—	—	0.25	µg/L	N	—	NQ	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	DL	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	9.97	—	—	0.63	µg/L	N	—	J	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	11.8	—	—	0.25	µg/L	Y	—	NQ	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.385	—	—	0.067	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.51	—	—	0.067	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.72	—	—	0.05	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.436	—	—	0.05	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.49	—	—	0.05	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.92	—	—	1	µg/L	Y	J	J	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.57	—	—	1	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	18.5	—	—	1	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.3	—	—	1	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	16.6	—	—	1	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	08/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	15.5	—	—	3.3	µg/L	Y	—	NQ	2014-4295	CAWA-14-84613	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	23.7	—	—	3.3	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	39.5	—	—	3.3	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	27.9	—	—	2	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	30.5	—	—	2	µg/L	Y	—	J	08-930	CAWA-08-11604	GELC
Martin Spring	—	08/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.508	—	—	0.337	µg/L	Y	J	J	2014-4350	CAWA-14-84598	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	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.28	—	—	0.01	SU	Y	H	NQ	2014-4350	CAWA-14-84614	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
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	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.2	—	—	0.725	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	4350	—	—	68	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.12	—	—	0.0899	µg/L	Y	HQ	NQ	2014-4350	CAWA-14-84598	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	—	08/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.807	—	—	0.0899	µg/L	Y	H	NQ	2014-4350	CAWA-14-84598	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	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0572	—	—	0.017	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.139	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0975	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.051	—	—	0.016	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin 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-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3609	CAWA-11-27193	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	152	—	—	1	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	1270	—	—	15	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.3	—	—	0.335	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.05	—	—	2	µg/L	Y	J	J	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.61	—	—	2	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1441	CAWA-12-17565	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.37	—	—	3	µg/L	Y	J	J	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	4.22	—	—	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	Copper	Cu	N	10	—	—	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	Copper	Cu	N	10	—	—	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	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-1441	CAWA-12-17565	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.033	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.4	—	—	0.453	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	12.2	—	—	0.899	µg/L	Y	HQ	NQ	2014-4350	CAWA-14-84598	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	2100	—	—	30	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	303	—	—	30	µg/L	Y	—	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1860	—	—	30	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	39.7	—	—	30	µg/L	Y	J	J	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	30.9	—	—	30	µg/L	Y	J	J	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	94.1	—	—	30	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	1.98	—	—	0.5	µg/L	Y	J	J	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	1.92	—	—	0.5	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	12-1441	CAWA-12-17565	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.61	—	—	0.11	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	11.9	—	—	2	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.51	—	—	0.165	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.45	—	—	0.5	µg/L	Y	J	J	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.94	—	—	0.085	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.22	—	—	0.05	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	74.1	—	—	0.899	µg/L	Y	HQ	NQ	2014-4350	CAWA-14-84598	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.6	—	—	0.053	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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
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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	Y	0.214	—	—	0.2	µg/L	Y	J	J	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	1	—	—	0.2	µg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	1	—	—	0.2	µg/L	Y	U	U	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	1	—	—	0.2	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	1	—	—	0.2	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	1	—	—	0.2	µg/L	Y	U	U	12-1441	CAWA-12-17565	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.5	—	—	0.1	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	282	—	—	1	µS/cm	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.133	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	211	—	—	3.4	mg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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
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	—	08/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.546	—	—	0.033	mg/L	Y	—	NQ	2014-4350	CAWA-14-84598	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	—	08/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.77	—	—	0.33	mg/L	Y	—	NQ	2014-4350	CAWA-14-84598	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	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.137	—	—	0.017	mg/L	Y	—	J	2014-4350	CAWA-14-84614	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	08/13/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.179	—	—	0.0899	µg/L	Y	HJ	J-	2014-4350	CAWA-14-84598	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.899	—	—	0.067	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.92	—	—	1	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.87	—	—	3.3	µg/L	Y	J	J	2014-4350	CAWA-14-84614	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
R-18	1358	08/11/14	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	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.5	—	—	0.725	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.2	—	—	1	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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
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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.79	—	—	0.05	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.34	—	—	0.067	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0469	—	—	0.033	mg/L	Y	J	J	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.34	—	—	0.11	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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
R-18	1358	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.432	—	—	0.165	µg/L	Y	J	J	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.615	—	—	0.085	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.229	—	—	0.05	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.88	—	—	0.0838	µg/L	Y	—	NQ	2014-4318	CAPA-14-84559	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
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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.3	—	—	0.053	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.01	—	—	0.1	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.3	—	—	1	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.98	—	—	0.133	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	87.1	—	—	3.4	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.563	—	—	0.33	mg/L	Y	J	J	2014-4318	CAPA-14-84559	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.334	—	—	0.067	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.77	—	—	1	µg/L	Y	J	J	2014-4318	CAPA-14-84561	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.6	—	—	0.725	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0217	—	—	0.017	mg/L	Y	J	J	2014-4391	CAWA-14-84615	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
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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8.48	—	—	1	µg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.77	—	—	0.067	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0633	—	—	0.033	mg/L	Y	J	J	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48	—	—	0.453	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.234	—	—	0.0879	µg/L	Y	HJ	J	2014-4391	CAWA-14-84599	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.1	—	—	0.11	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	GELC
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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.823	—	—	0.165	µg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.588	—	—	0.017	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.283	—	—	0.05	µg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.29	—	—	0.0879	µg/L	Y	H	NQ	2014-4391	CAWA-14-84599	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
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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.2	—	—	0.053	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.38	—	—	0.1	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.2	—	—	1	µg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.35	—	—	0.133	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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	08/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.592	—	—	0.33	mg/L	Y	J	J	2014-4391	CAWA-14-84599	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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.44	—	—	0.067	µg/L	Y	—	NQ	2014-4391	CAWA-14-84615	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
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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.38	—	—	1	µg/L	Y	J	J	2014-4391	CAWA-14-84615	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	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.5	—	—	3.3	µg/L	Y	J	J	2014-4391	CAWA-14-84615	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-26 PZ-2	150	08/12/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.61	—	—	0.3	µg/L	Y	—	NQ	2014-4334	CAWA-14-84600	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-63	1325	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.1	—	—	0.725	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.2	—	—	0.725	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.02	—	—	0.017	mg/L	Y	J	J	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0175	—	—	0.017	mg/L	Y	J	J	2014-4395	CAWA-14-84567	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0267	—	—	0.017	mg/L	Y	J	U	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.113	—	—	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:350.1	Ammonia as Nitrogen	NH3-N	Y	0.143	—	—	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:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1449	CAWA-12-17573	GELC
R-63	1325	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.7	—	—	1	µg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	11.9	—	—	1	µg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.85	—	—	0.05	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.43	—	—	0.05	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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
R-63	1325	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.12	—	—	0.067	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.11	—	—	0.067	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2014-4395	CAWA-14-84601	GELC
R-63	1325	08/19/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00494	—	—	0.00167	mg/L	Y	J	J	2014-4395	CAWA-14-84569	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.3	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.0015	mg/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.0015	mg/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	06/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.0015	mg/L	Y	U	U	11-2742	CAWA-11-14624	GELC
R-63	1325	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0581	—	—	0.033	mg/L	Y	J	J	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0555	—	—	0.033	mg/L	Y	J	J	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.453	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.6	—	—	0.453	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.94	—	—	0.11	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.747	—	—	0.165	µg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.591	—	—	0.165	µg/L	Y	—	NQ	2014-4395	CAWA-14-84567	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.549	—	—	0.165	µg/L	Y	—	U	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.672	—	—	0.165	µg/L	Y	—	U	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.726	—	—	0.165	µg/L	Y	—	U	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.557	—	—	0.165	µg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.435	—	—	0.017	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.445	—	—	0.017	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.23	—	—	0.05	µg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.216	—	—	0.05	µg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.757	—	—	0.05	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.73	—	—	0.05	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/19/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.45	—	—	0.0865	µg/L	Y	H	NQ	2014-4395	CAWA-14-84601	GELC
R-63	1325	08/19/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.39	—	—	0.0856	µg/L	Y	H	NQ	2014-4395	CAWA-14-84569	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.6	—	—	0.053	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.8	—	—	0.053	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.94	—	—	0.1	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.53	—	—	0.1	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	1	µS/cm	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	104	—	—	1	µS/cm	Y	—	NQ	2014-4395	CAWA-14-84567	GELC
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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	1	µg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.5	—	—	1	µg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.16	—	—	0.133	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.17	—	—	0.133	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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	08/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.594	—	—	0.33	mg/L	Y	J	J	2014-4395	CAWA-14-84601	GELC
R-63	1325	08/19/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.592	—	—	0.33	mg/L	Y	J	J	2014-4395	CAWA-14-84569	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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.397	—	—	0.067	µg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.365	—	—	0.067	µg/L	Y	—	NQ	2014-4395	CAWA-14-84567	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

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 Fflag	Lab Qual	2nd Qual	Request	Sample	Lab
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	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.88	—	—	1	µg/L	Y	J	J	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.71	—	—	1	µg/L	Y	J	J	2014-4395	CAWA-14-84567	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
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
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00545	0.00545	0.035	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0103	0.0047	0.036	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.281	1.17	4.12	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.35	1.3	3.9	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.476	1.33	5.14	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.21	1.2	4.5	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.738	0.332	1.05	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.482	0.64	2.4	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.71	0.981	2.68	—	pCi/L	Y	—	J	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.3	0.68	2.1	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.303	2.28	7.81	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.86	2.7	8.8	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0076	0.0067	0.0347	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0031	0.018	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00506	0.0062	0.0426	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0141	0.0052	0.031	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.3	15.4	50.1	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.5	18	63	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.87	1.21	4.07	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.588	1.4	4.9	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.113	0.124	0.431	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0594	0.12	0.47	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0481	0.0159	0.0653	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0196	0.0095	0.068	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00372	0.00984	0.0479	—	pCi/L	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00315	0.0055	0.035	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	GELC
WCO-1r	6	08/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0511	0.0144	0.0379	—	pCi/L	Y	—	NQ	2014-4403	CAWA-14-84621	GELC
WCO-1r	6	09/20/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0153	0.0089	0.03	—	pCi/L	Y	U	U	10-4672	CAWA-10-25771	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-16-02656	3	08/06/14	Metals	Barium	Ba	F[a]	INIT[b]	REG[c]	Y[d]	3670	1	µg/L	1	—[e]	NQ[f]	NQ	Y	SW-846:6010C	GELC[g]	1000	NMWQCC GW STD[h]	3.67
Alluvial	CDV-16-02659	1.7	08/05/14	Metals	Barium	Ba	F	INIT	REG	Y	8350	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NMWQCC GW STD	8.35
Alluvial	CDV-16-02659	1.7	08/05/14	LCMS/MS[i] High Explosives	RDX[j]	121-82-4	UF[k]	INIT	REG	Y	8.49	0.0879	µg/L	2	H[l]	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL[m]	1.21
Alluvial	CDV-16-611923	3.2	08/12/14	Metals	Barium	Ba	F	INIT	REG	Y	15400	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NMWQCC GW STD	15.40
Alluvial	CDV-16-611923	3.2	08/12/14	Metals	Iron	Fe	F	INIT	REG	Y	1120	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NMWQCC GW STD	1.12
Alluvial	CDV-16-611923	3.2	08/12/14	Metals	Manganese	Mn	F	INIT	REG	Y	414	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NMWQCC GW STD	2.07
Alluvial	FLC-16-25280	2.6	08/07/14	Metals	Barium	Ba	F	INIT	REG	Y	762	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NMWQCC GW STD	0.76
Alluvial	FLC-16-25280	2.6	08/07/14	Metals	Iron	Fe	F	INIT	REG	Y	1100	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NMWQCC GW STD	1.10
Alluvial	FLC-16-25280	2.6	08/07/14	Metals	Manganese	Mn	F	INIT	REG	Y	245	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NMWQCC GW STD	1.23
Alluvial	FLC-16-25280	2.6	08/07/14	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	6.5	0.0884	µg/L	2	Q[n]	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	0.93
Alluvial	FLC-16-25280	2.6	08/07/14	VOC[o]	Dichloroethene[cis-1,2-]	156-59-2	UF	INIT	REG	Y	38.4	0.3	µg/L	1	—	NQ	NQ	Y	SW-846:8260B	GELC	70	EPA MCL	0.55
Alluvial	FLC-16-25280	2.6	08/07/14	VOC	Tetrachloroethene	127-18-4	UF	INIT	REG	Y	28.5	0.3	µg/L	1	—	J+[p]	V12b[q]	Y	SW-846:8260B	GELC	5	EPA MCL	5.70
Alluvial	FLC-16-25280	2.6	08/07/14	VOC	Trichloroethene	79-01-6	UF	INIT	REG	Y	5.87	0.3	µg/L	1	—	NQ	NQ	Y	SW-846:8260B	GELC	5	EPA MCL	1.17
Intermediate	16-26644	130	08/05/14	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	6.17	0.0829	µg/L	2	H	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	0.88
Intermediate	16-26644	130	08/05/14	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	FD[r]	Y	4.38	0.087	µg/L	2	H	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	0.63
Intermediate	CdV-16-1(i)	624	08/20/14	LCMS/MS High Explosives	RDX	121-82-4	UF	DL[s]	REG	Y	25.5	0.43	µg/L	10	H	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	3.64
Intermediate	CdV-16-2(i)r	850	08/18/14	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	103	2.06	µg/L	50	H	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	14.71
Intermediate	CDV-16-4ip S1	815.6	05/16/14	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	FD	Y	143	4.26	µg/L	100	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	20.43
Intermediate	CDV-16-4ip S1	815.6	05/16/14	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	130	4.12	µg/L	100	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	18.57
Intermediate	CDV-16-4ip S1	815.6	08/19/14	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	145	2.08	µg/L	50	H	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	20.71
Intermediate Spring	Bulldog Spring	—	08/13/14	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	6.26	0.0879	µg/L	2	HQ	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	0.89
Intermediate Spring	Burning Ground Spring	—	08/08/14	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	22.5	0.213	µg/L	5	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	3.21
Intermediate Spring	Martin Spring	—	08/13/14	Metals	Aluminum	Al	F	INIT	REG	Y	4350	68	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	5000	NMWQCC GW STD	0.87
Intermediate Spring	Martin Spring	—	08/13/14	Metals	Boron	B	F	INIT	REG	Y	1270	15	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	750	NMWQCC GW STD	1.69
Intermediate Spring	Martin Spring	—	08/13/14	Metals	Iron	Fe	F	INIT	REG	Y	2100	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NMWQCC GW STD	2.10

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
Intermediate Spring	Martin Spring	—	08/13/14	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	74.1	0.899	µg/L	20	HQ	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	10.59
Regional	CdV-R-37-2 S2	1188.7	08/14/14	Metals	Manganese	Mn	F	INIT	REG	Y	170	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NMWQCC GW STD	0.85

[a] F = Filtered.

[b] INIT = Initial.

[c] REG = Regular.

[d] Y = Yes.

[e] — = None.

[f] NQ = Not qualified.

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

[h] NMWQCC GW STD = New Mexico Water Quality Control Commission groundwater standard.

[i] LCMS/MS = Liquid chromatography mass spectrometry/mass spectrometry.

[j] RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine.

[k] UF = Unfiltered.

[l] H = The required extraction or analysis holding time for this result was exceeded.

[m] EPA TAP SCRN LVL = U.S. Environmental Protection Agency regional screening level for tap water.

[n] Q = One or more quality control criteria have not been met. Refer to the applicable narrative or data exception report.

[o] VOC = Volatile organic compound.

[p] 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.

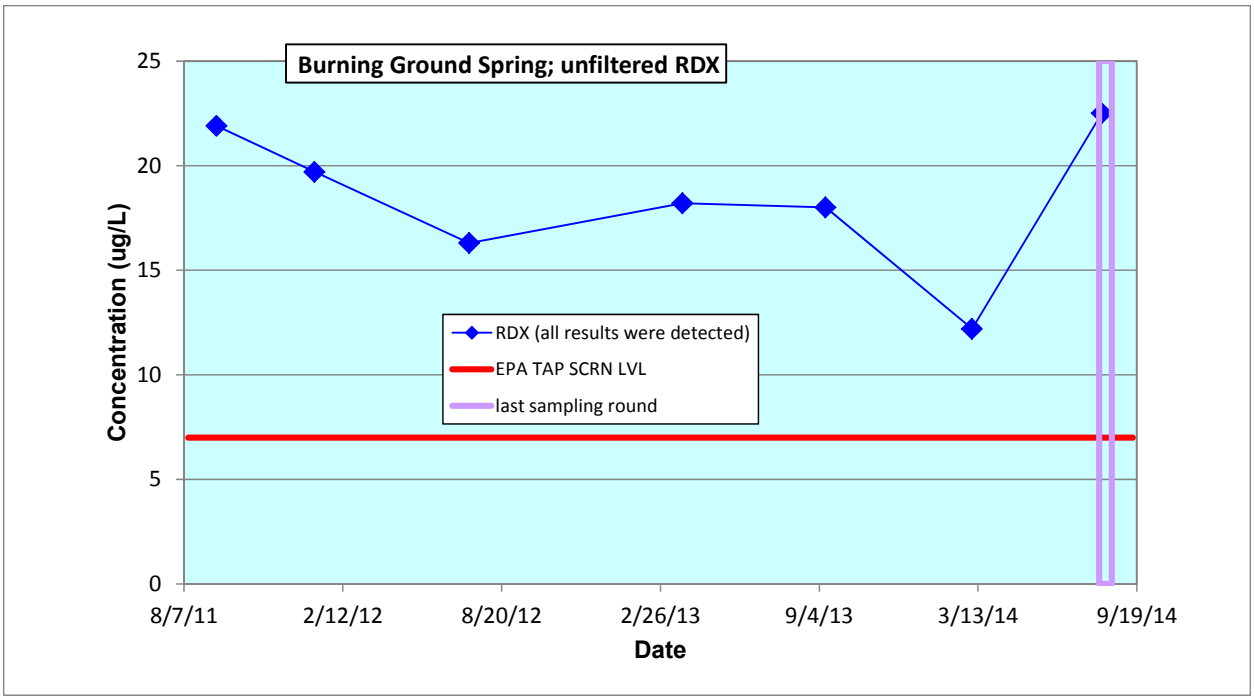
[q] V12b = The laboratory control sample percent recovery was greater than the upper acceptance limit. Follow the external laboratory limits located within the associated data package.

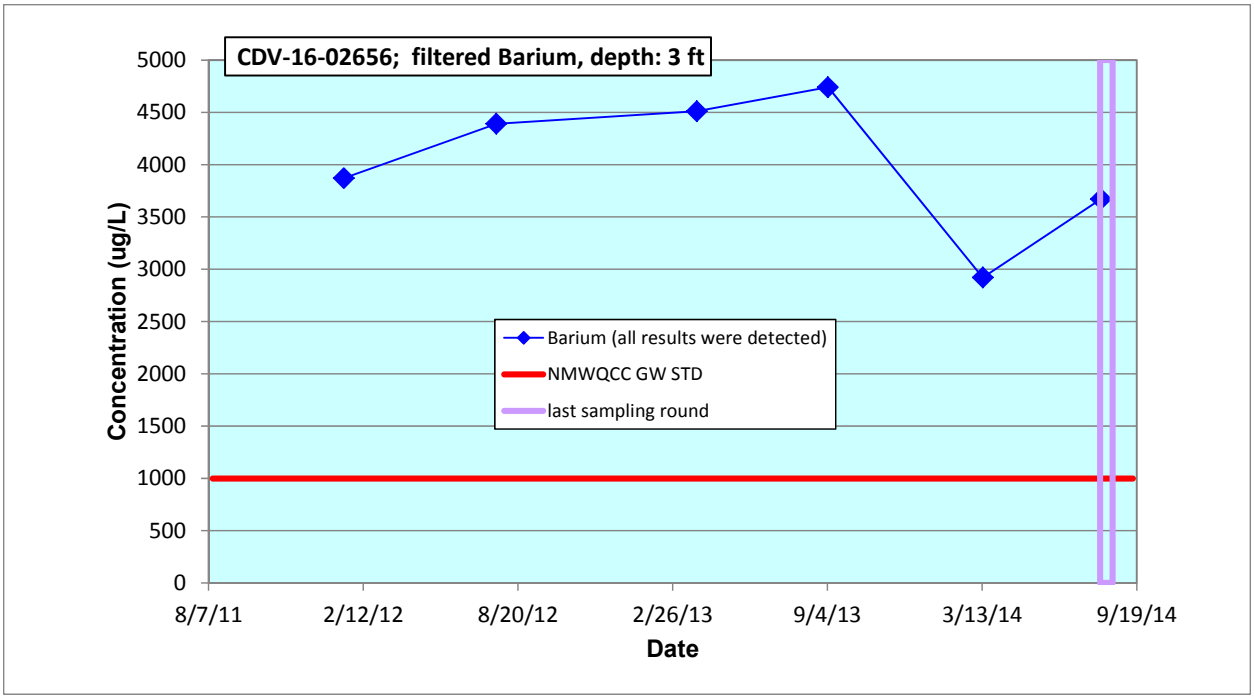
[r] FD = Field duplicate.

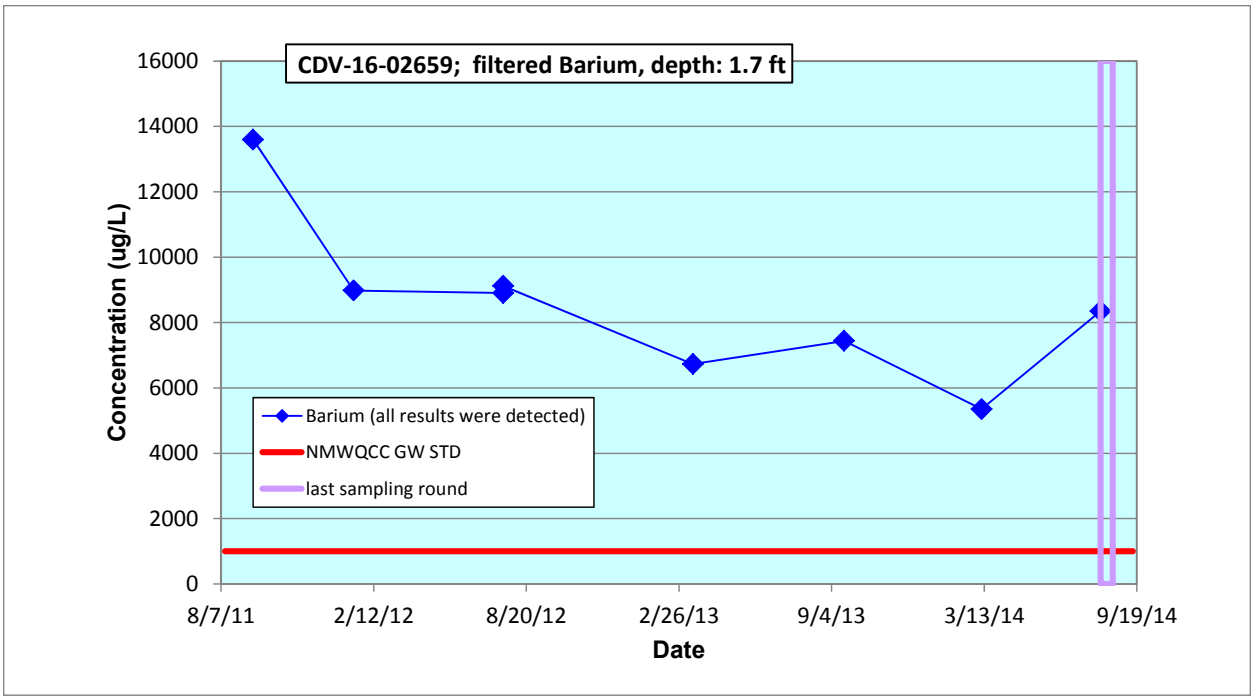
[s] DL = Dilution.

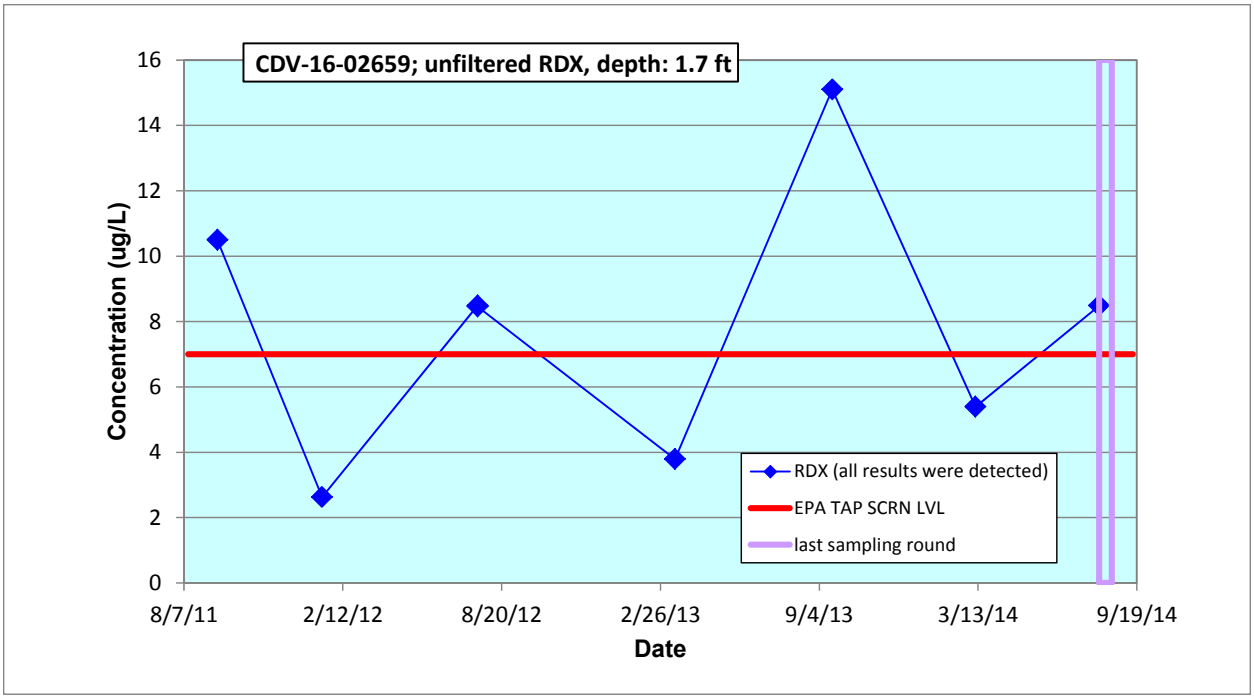
Appendix E

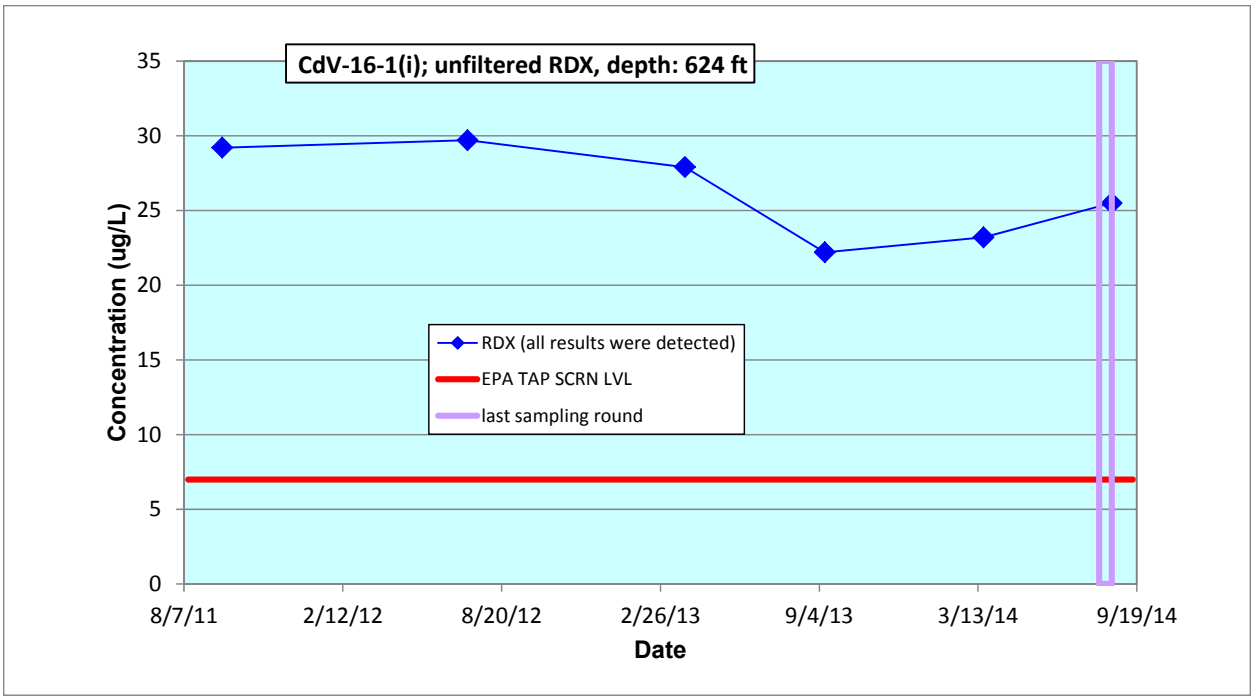
Analytical Chemistry Graphs of Screening-Level Exceedances

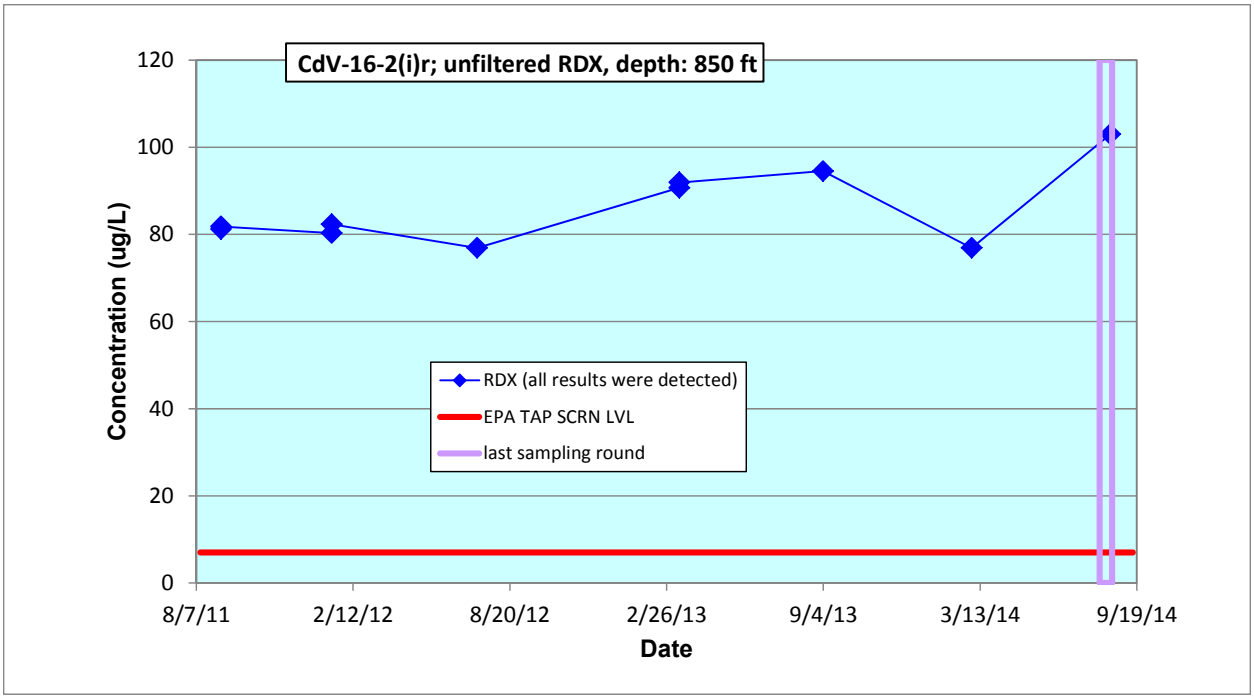

Burning Ground Spring; unfiltered RDX
Concentration (ug/L)
25
20
15
10
5
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

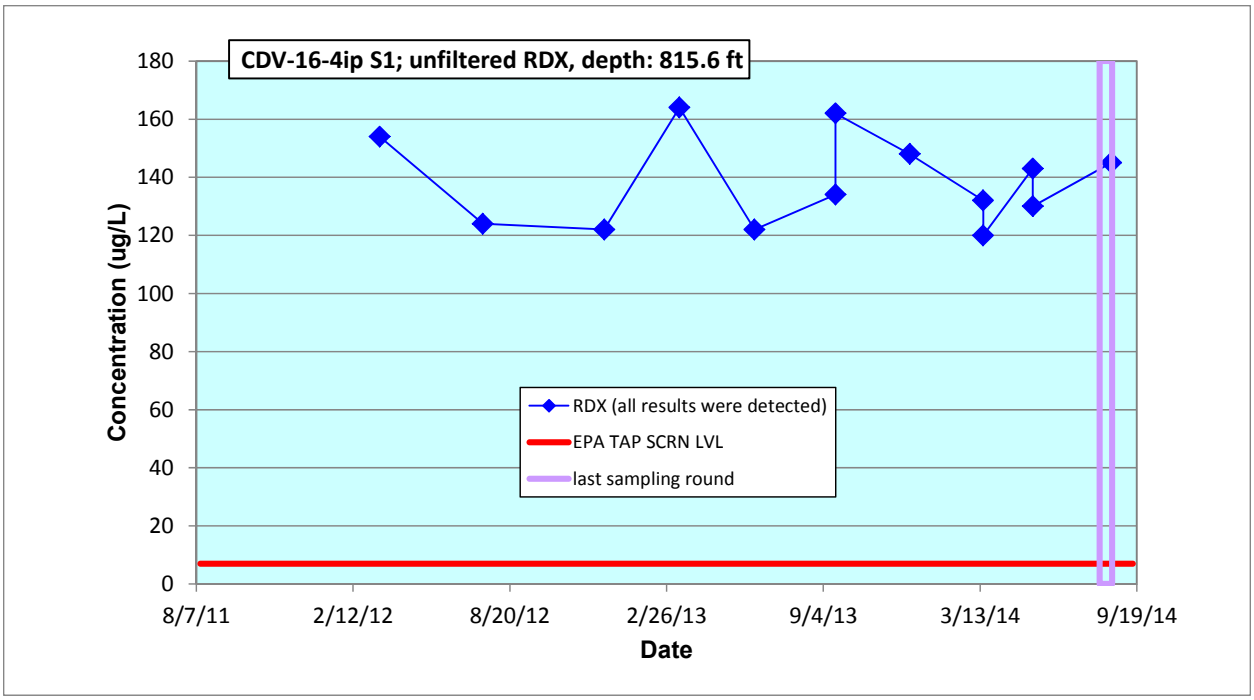

CDV-16-02656; filtered Barium, depth: 3 ft
Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Barium (all results were detected)
NMWQCC GW STD
last sampling round

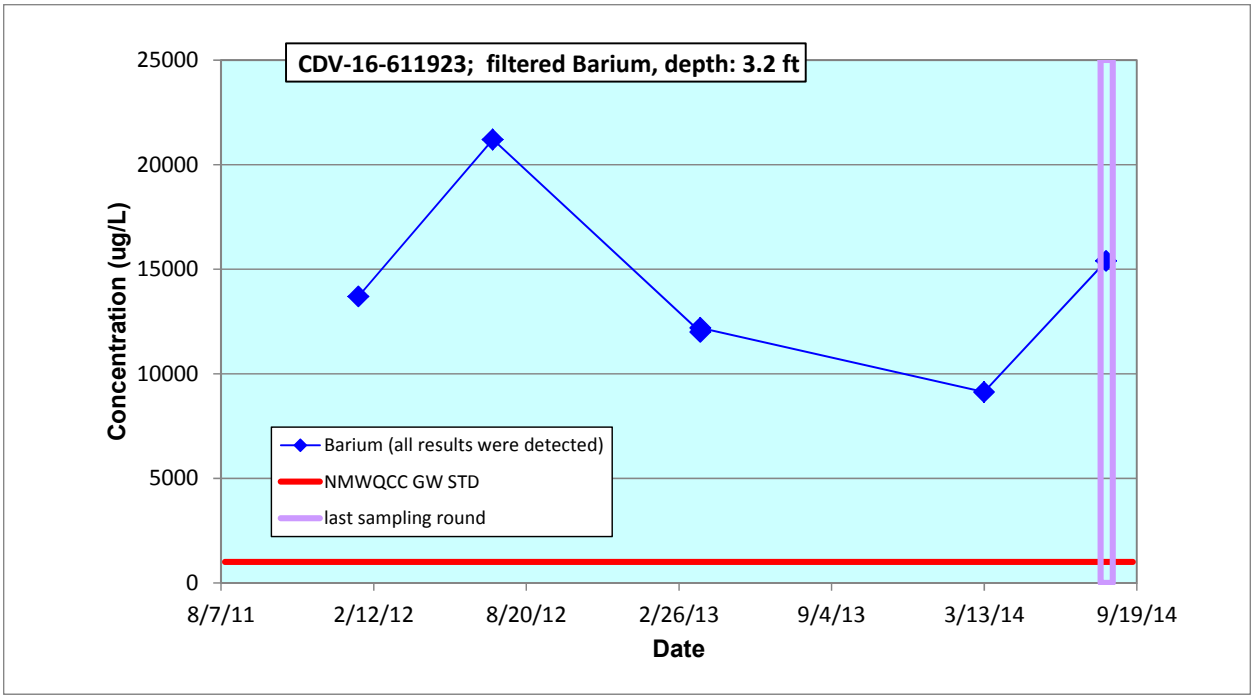

CDV-16-02659; filtered Barium, depth: 1.7 ft
Concentration (ug/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Barium (all results were detected)
NMWQCC GW STD
last sampling round

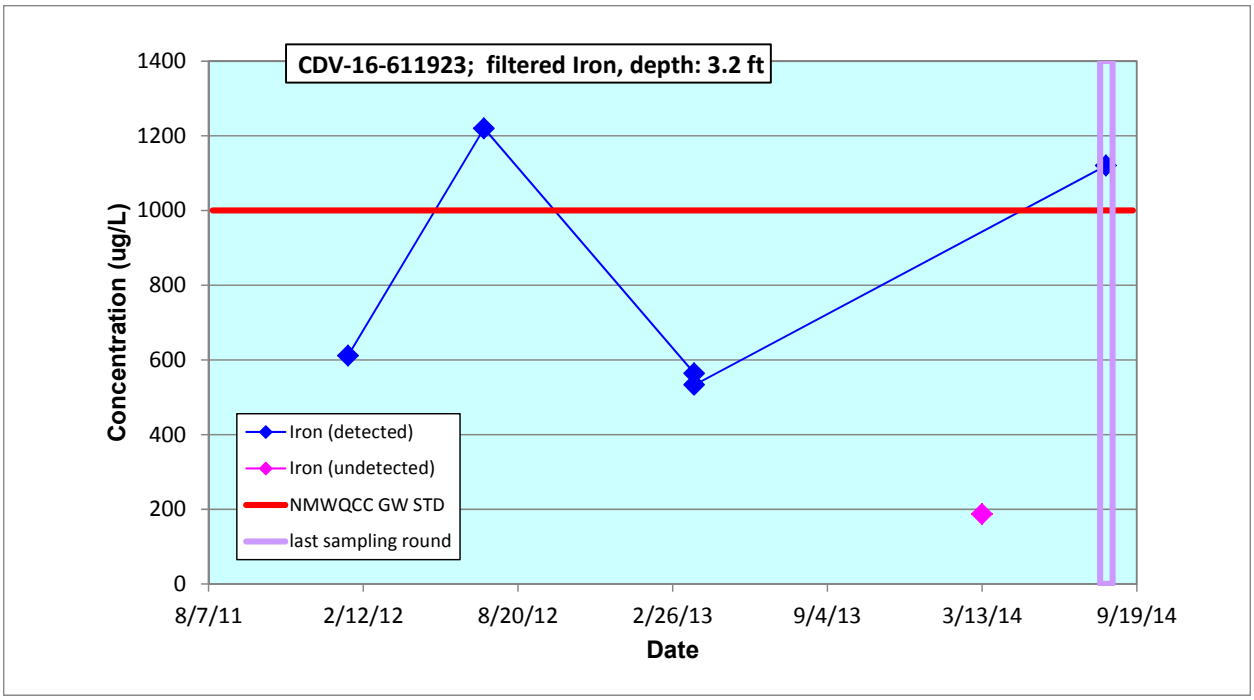

CDV-16-02659; unfiltered RDX, depth: 1.7 ft
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

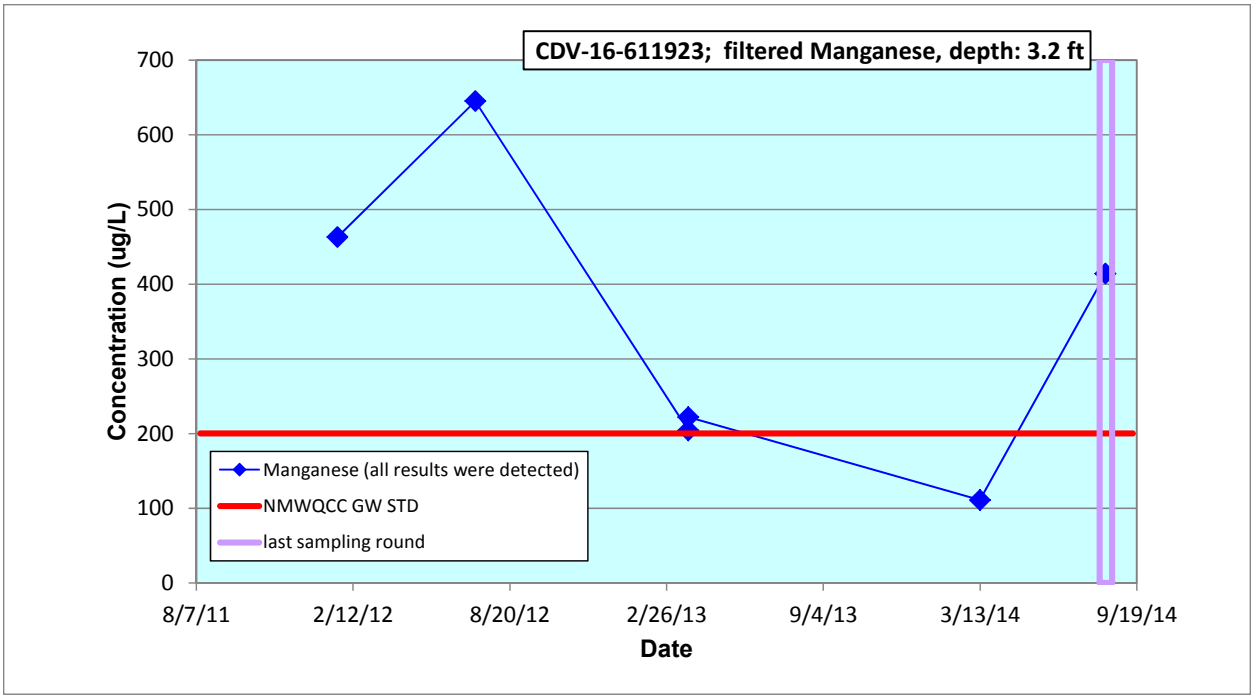

CdV-16-1(i); unfiltered RDX, depth: 624 ft
Concentration (ug/L)
35
30
25
20
15
10
5
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

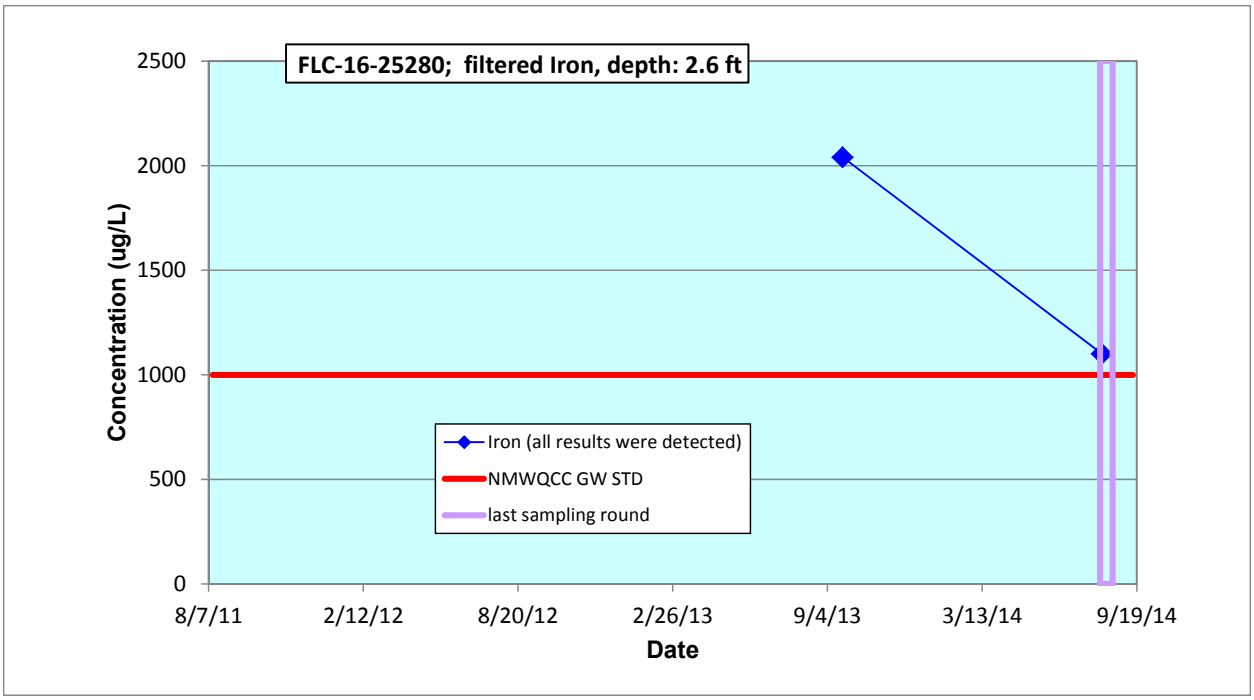

CdV-16-2(i)r; unfiltered RDX, depth: 850 ft
Concentration (ug/L)
120
100
80
60
40
20
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

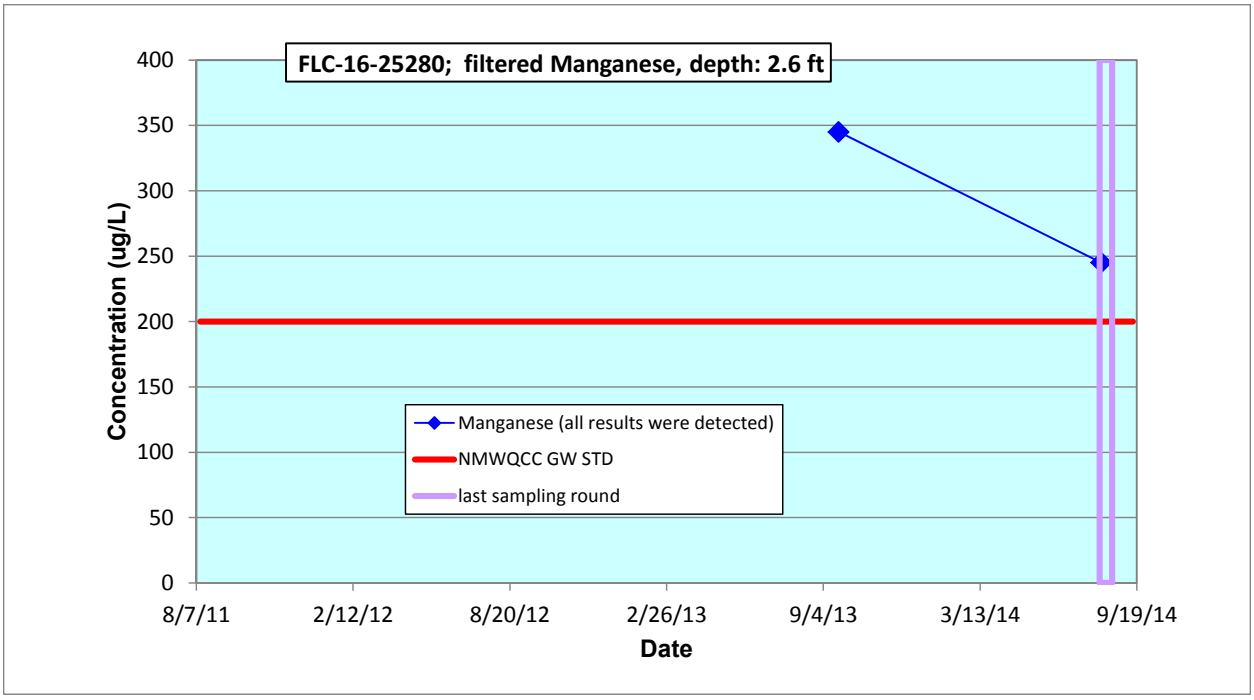

CDV-16-4ip S1; unfiltered RDX, depth: 815.6 ft
Concentration (ug/L)
180
160
140
120
100
80
60
40
20
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

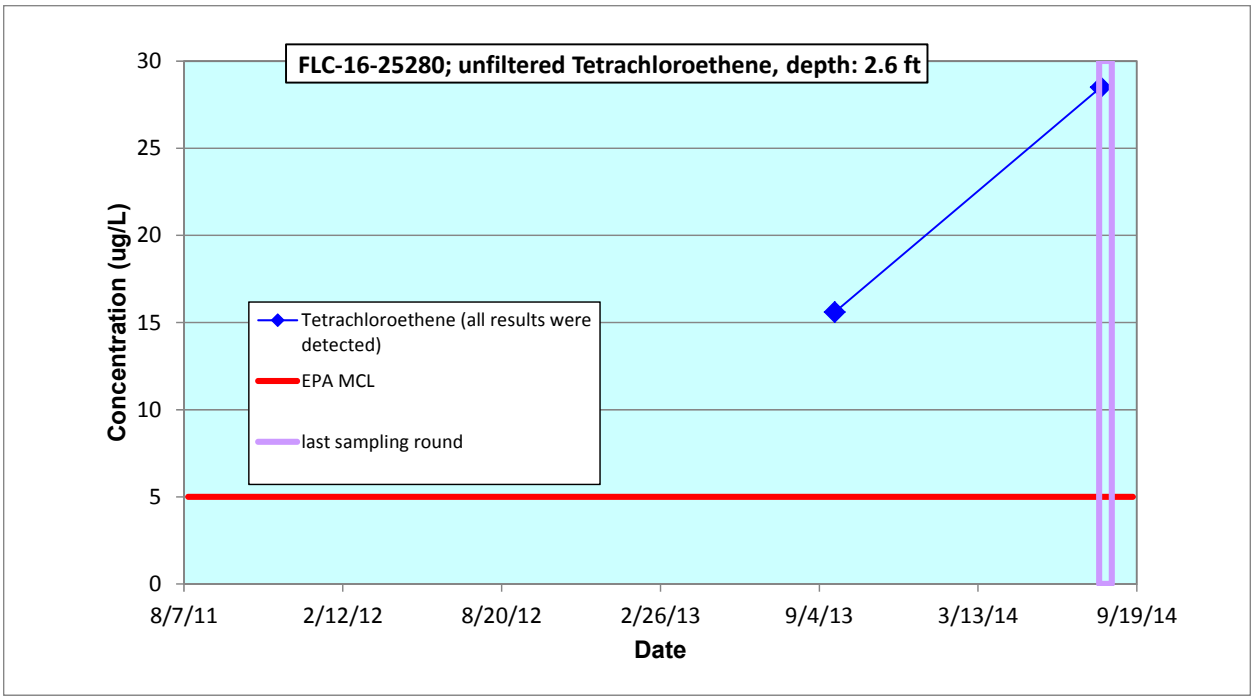

CDV-16-611923; filtered Barium, depth: 3.2 ft
Concentration (ug/L)
25000
20000
15000
10000
5000
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Barium (all results were detected)
NMWQCC GW STD
last sampling round

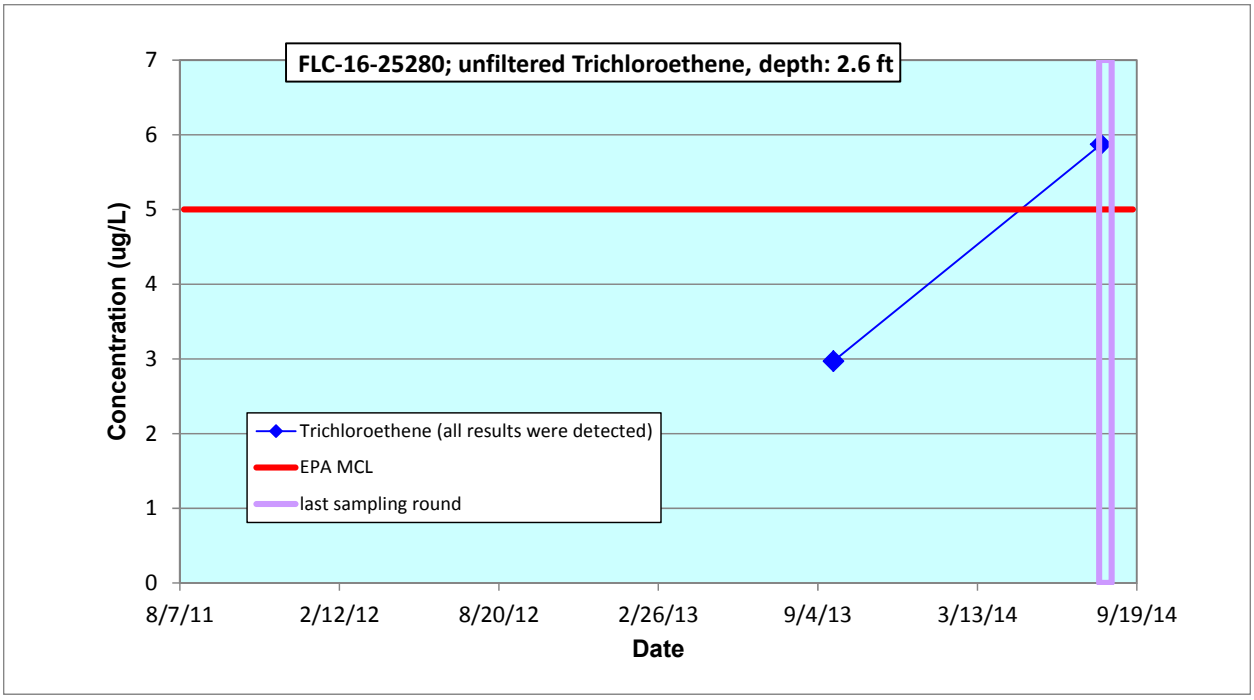

CDV-16-611923; filtered Iron, depth: 3.2 ft
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Iron (detected)
Iron (undetected)
NMWQCC GW STD
last sampling round

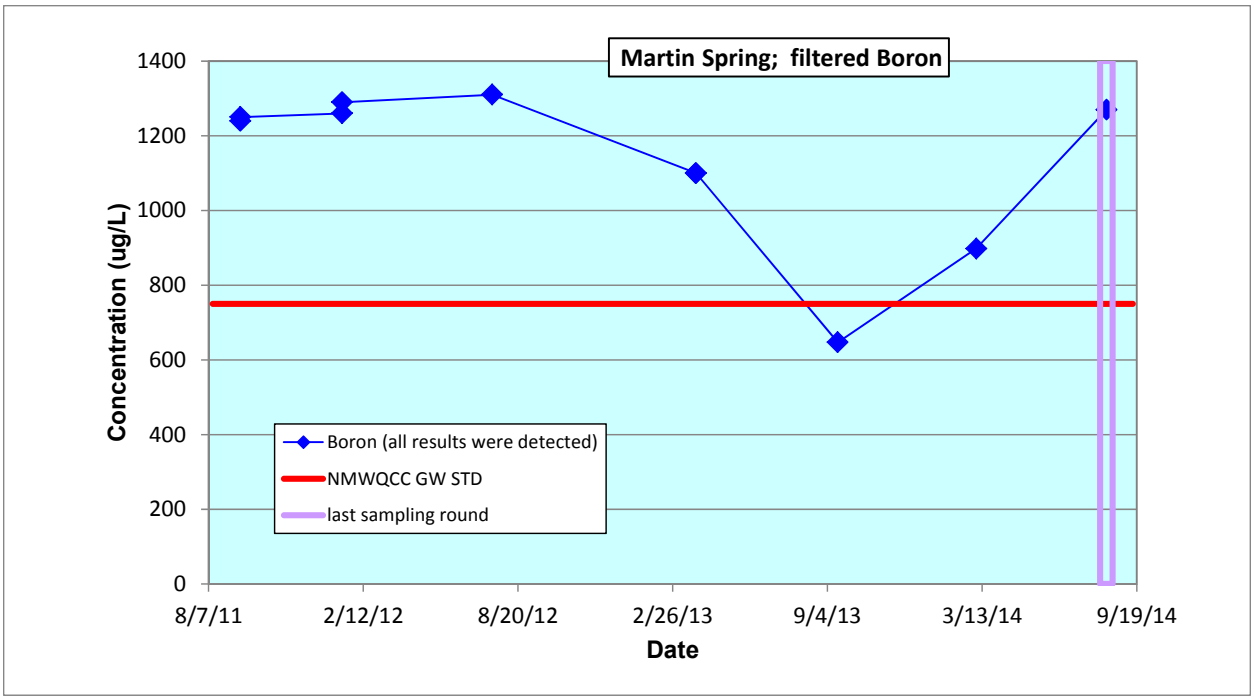

CDV-16-611923; filtered Manganese, depth: 3.2 ft
Concentration (ug/L)
700
600
500
400
300
200
100
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Manganese (all results were detected)
NMWQCC GW STD
last sampling round

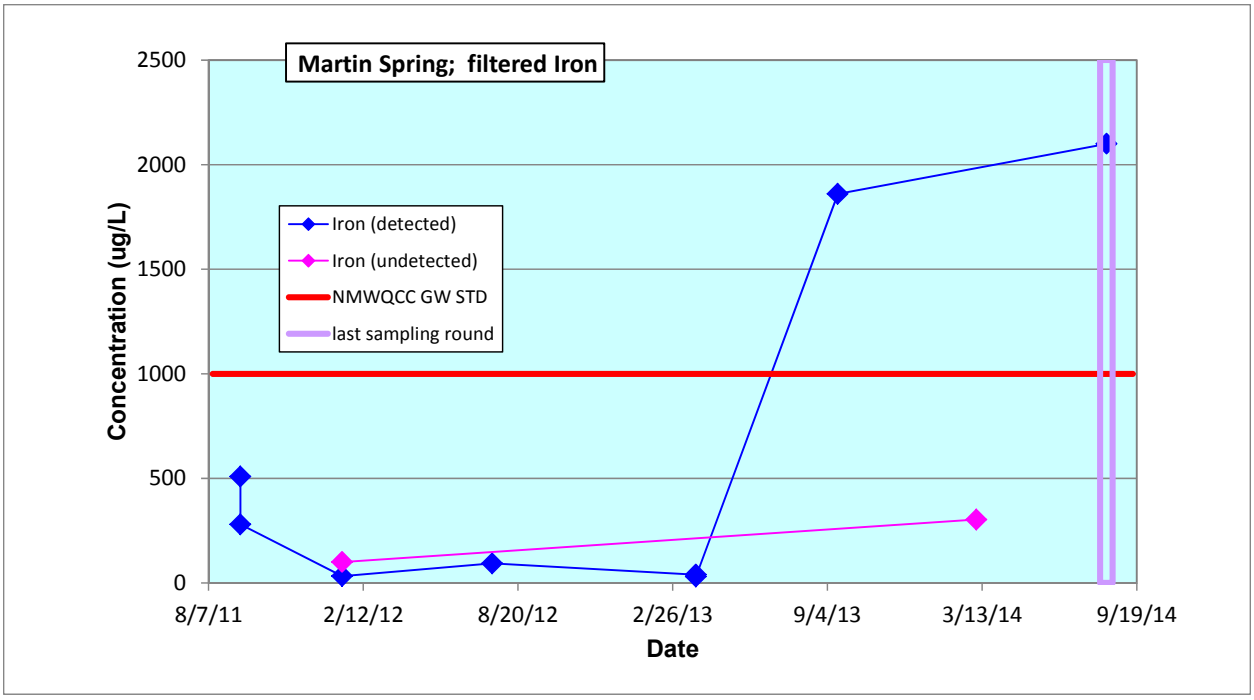

FLC-16-25280; filtered Iron, depth: 2.6 ft
Concentration (ug/L)
2500
2000
1500
1000
500
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Iron (all results were detected)
NMWQCC GW STD
last sampling round

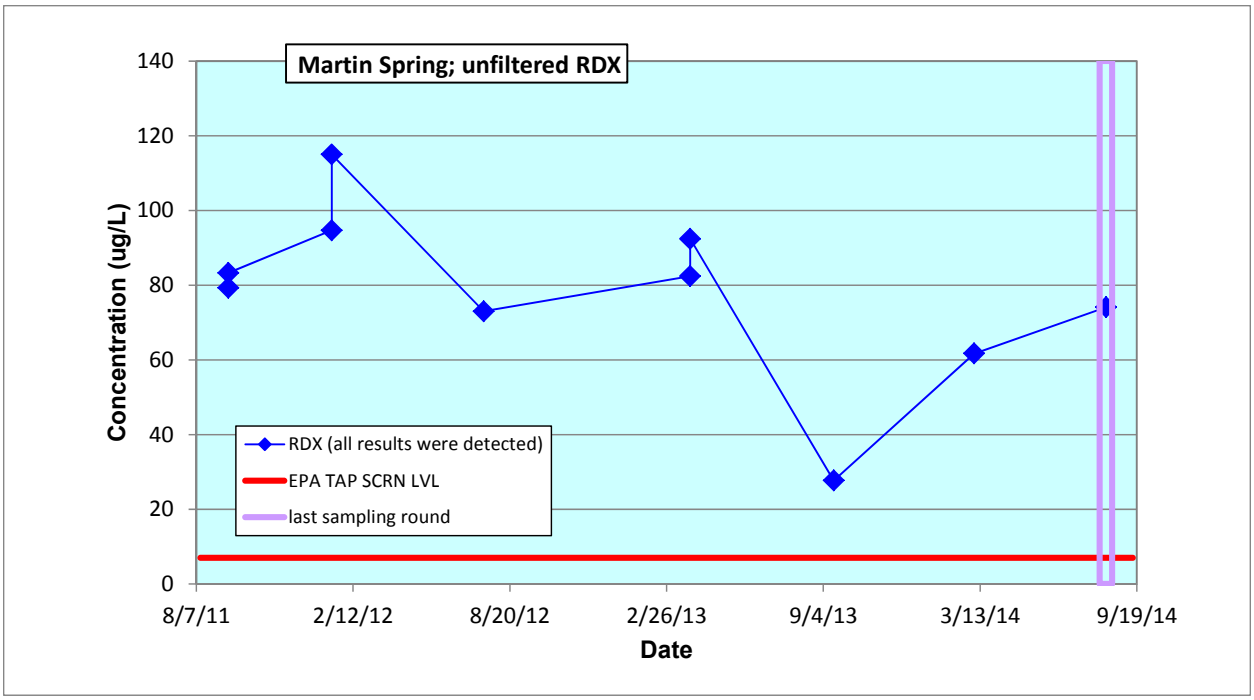

FLC-16-25280; filtered Manganese, depth: 2.6 ft
Concentration (ug/L)
400
350
300
250
200
150
100
50
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Manganese (all results were detected)
NMWQCC GW STD
last sampling round

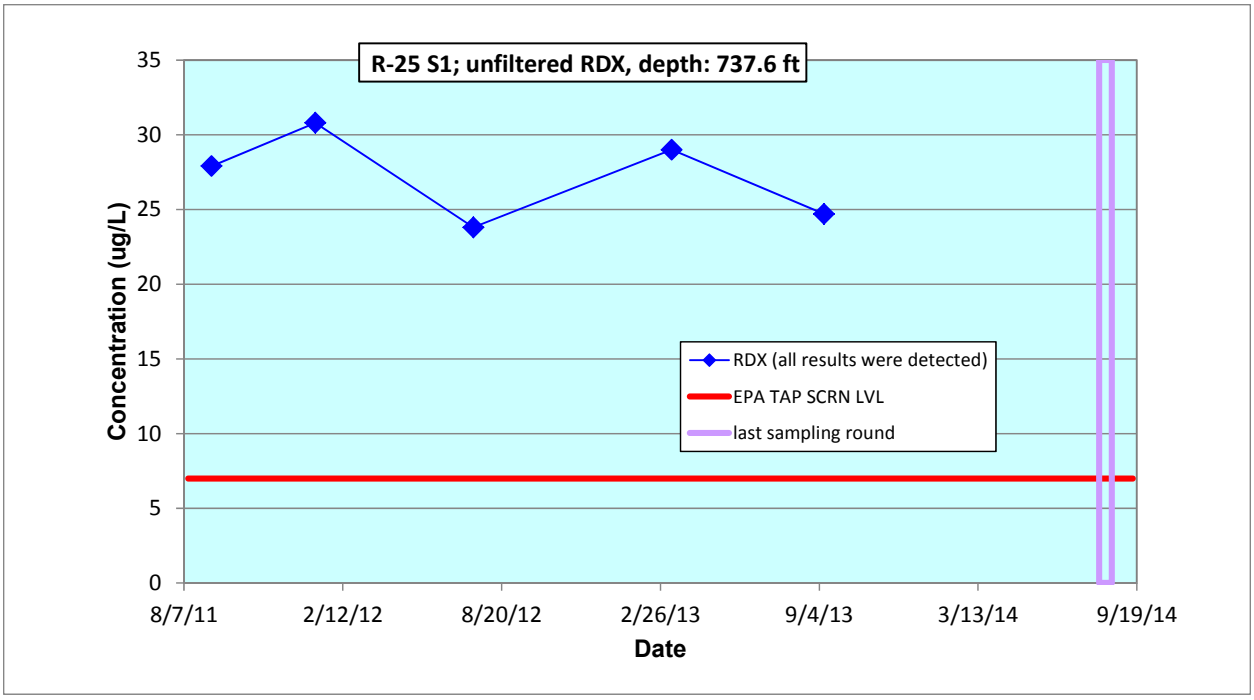

FLC-16-25280; unfiltered Tetrachloroethene, depth: 2.6 ft
Concentration (ug/L)
30
25
20
15
10
5
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Tetrachloroethene (all results were detected)
EPA MCL
last sampling round

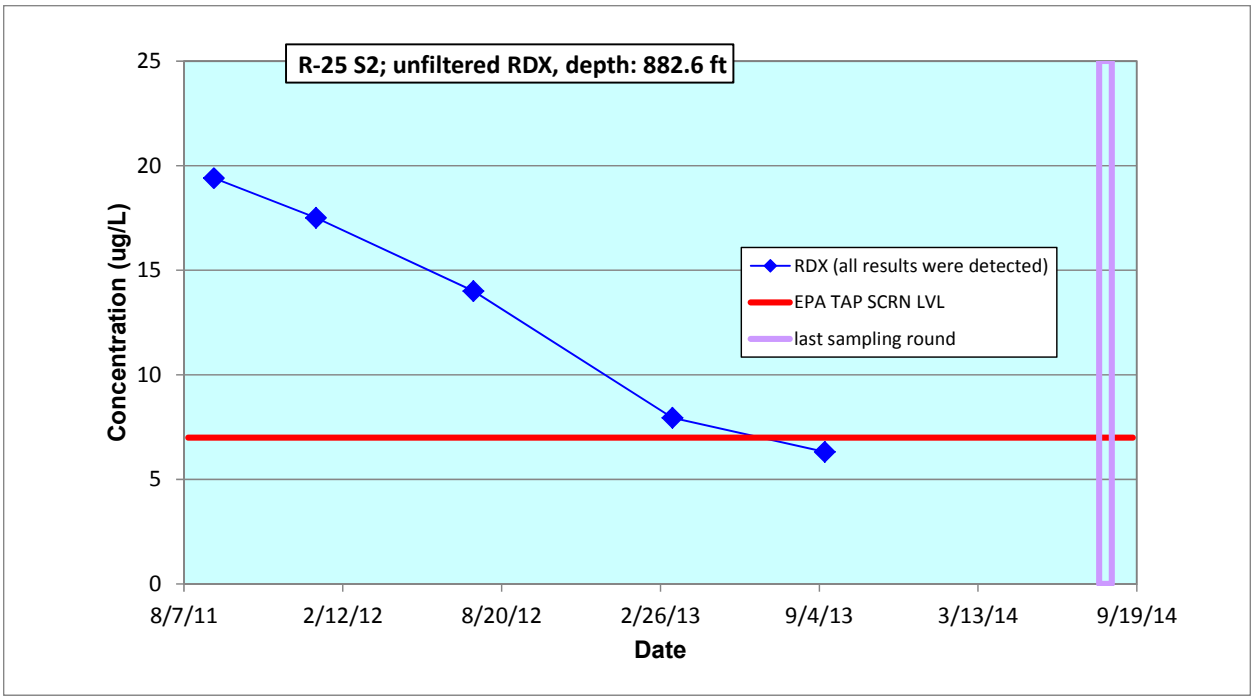

FLC-16-25280; unfiltered Trichloroethene, depth: 2.6 ft
Concentration (ug/L)
7
6
5
4
3
2
1
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Trichloroethene (all results were detected)
EPA MCL
last sampling round

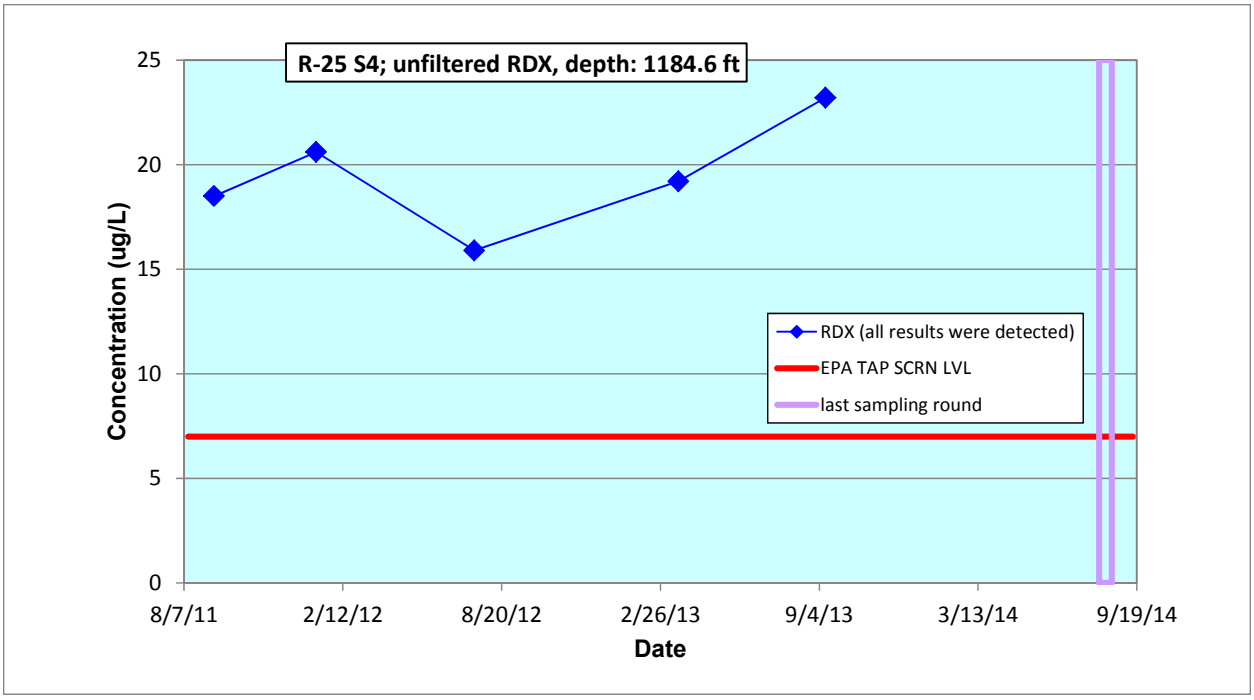

Martin Spring; filtered Boron
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Boron (all results were detected)
NMWQCC GW STD
last sampling round


Martin Spring; filtered Iron
Concentration (ug/L)
2500
2000
1500
1000
500
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
Iron (detected)
Iron (undetected)
NMWQCC GW STD
last sampling round


Martin Spring; unfiltered RDX
Concentration (ug/L)
140
120
100
80
60
40
20
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round


R-25 S1; unfiltered RDX, depth: 737.6 ft
Concentration (ug/L)
35
30
25
20
15
10
5
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
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
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
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)
25
20
15
10
5
0
8/7/11
2/12/12
8/20/12
2/26/13
9/4/13
3/13/14
9/19/14
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)
2014-3405	Inorganic	GELC[a]	CAWA-14-77937	05/16/14	CDV-16-4ip S1	815.6	879.2
2014-3405	Inorganic	GELC	CAWA-14-77938	05/16/14	CDV-16-4ip S1	815.6	879.2
2014-3405	Inorganic	GELC	CAWA-14-77942	05/16/14	CDV-16-4ip S1	815.6	879.2
2014-3405	Inorganic	GELC	CAWA-14-77943	05/16/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3405	Inorganic	GELC	CAWA-14-77945	05/16/14	CDV-16-4ip S1	815.6	879.2
2014-3405	Inorganic	GELC	CAWA-14-77946	05/16/14	CdV-R-15-3 S4	1235.1	1278.9
2014-3405	Organic	GELC	CAWA-14-77942	05/16/14	CDV-16-4ip S1	815.6	879.2
2014-3405	Organic	GELC	CAWA-14-77937	05/16/14	CDV-16-4ip S1	815.6	879.2
2014-3405	Organic	GELC	CAWA-14-77943	05/16/14	CdV-R-15-3 S4	1235.1	1278.9
2014-4214	Inorganic	GELC	CAWA-14-84568	08/05/14	16-26644	130	145
2014-4214	Inorganic	GELC	CAWA-14-84566	08/05/14	16-26644	130	145
2014-4214	Inorganic	GELC	CAWA-14-84586	08/05/14	16-26644	130	145
2014-4214	Inorganic	GELC	CAWA-14-84590	08/05/14	CDV-16-02659	1.7	6.7
2014-4214	Inorganic	GELC	CAWA-14-84602	08/05/14	16-26644	130	145
2014-4214	Inorganic	GELC	CAWA-14-84606	08/05/14	CDV-16-02659	1.7	6.7
2014-4214	Organic	GELC	CAWA-14-84568	08/05/14	16-26644	130	145
2014-4214	Organic	GELC	CAWA-14-84586	08/05/14	16-26644	130	145
2014-4214	Organic	GELC	CAWA-14-84590	08/05/14	CDV-16-02659	1.7	6.7
2014-4254	Inorganic	GELC	CAWA-14-84589	08/06/14	CDV-16-02656	3	8
2014-4254	Inorganic	GELC	CAWA-14-84605	08/06/14	CDV-16-02656	3	8
2014-4254	Organic	GELC	CAWA-14-84589	08/06/14	CDV-16-02656	3	8
2014-4272	Inorganic	GELC	CACV-14-85835	08/07/14	Burning Ground Spring	—[b]	—
2014-4272	Organic	GELC	CACV-14-85835	08/07/14	Burning Ground Spring	—	—
2014-4274	Organic	CFA[c]	CACV-14-85835	08/07/14	Burning Ground Spring	—	—
2014-4295	Inorganic	GELC	CAWA-14-84587	08/08/14	Burning Ground Spring	—	—
2014-4295	Inorganic	GELC	CAWA-14-84613	08/07/14	FLC-16-25280	2.6	4.2
2014-4295	Inorganic	GELC	CAWA-14-84603	08/08/14	Burning Ground Spring	—	—
2014-4295	Inorganic	GELC	CAWA-14-84604	08/08/14	Canon de Valle below MDA P	—	—
2014-4295	Inorganic	GELC	CAWA-14-84588	08/08/14	Canon de Valle below MDA P	—	—
2014-4295	Inorganic	GELC	CAWA-14-84597	08/07/14	FLC-16-25280	2.6	4.2
2014-4295	Organic	GELC	CAWA-14-84587	08/08/14	Burning Ground Spring	—	—
2014-4295	Organic	GELC	CAWA-14-84588	08/08/14	Canon de Valle below MDA P	—	—
2014-4295	Organic	GELC	CAWA-14-84597	08/07/14	FLC-16-25280	2.6	4.2
2014-4317	Inorganic	GELC	CAWA-14-84611	08/11/14	CdV-R-15-3 S4	1235.1	1278.9
2014-4317	Inorganic	GELC	CAWA-14-84595	08/11/14	CdV-R-15-3 S4	1235.1	1278.9

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-4317	Organic	GELC	CAWA-14-84595	08/11/14	CdV-R-15-3 S4	1235.1	1278.9
2014-4318	Inorganic	GELC	CAPA-14-84559	08/11/14	R-18	1358	1381
2014-4318	Inorganic	GELC	CAPA-14-84561	08/11/14	R-18	1358	1381
2014-4318	Organic	GELC	CAPA-14-84559	08/11/14	R-18	1358	1381
2014-4334	Inorganic	GELC	CAWA-14-84594	08/12/14	CDV-16-611923	3.2	8.2
2014-4334	Inorganic	GELC	CAWA-14-84610	08/12/14	CDV-16-611923	3.2	8.2
2014-4334	Organic	GELC	CAWA-14-84594	08/12/14	CDV-16-611923	3.2	8.2
2014-4334	Organic	GELC	CAWA-14-84600	08/12/14	R-26 PZ-2	150	180
2014-4344	Rad[d]	ARSL[e]	CAWA-14-84595	08/11/14	CdV-R-15-3 S4	1235.1	1278.9
2014-4350	Inorganic	GELC	CAWA-14-84598	08/13/14	Martin Spring	—	—
2014-4350	Inorganic	GELC	CAWA-14-84614	08/13/14	Martin Spring	—	—
2014-4350	Organic	GELC	CAWA-14-84598	08/13/14	Martin Spring	—	—
2014-4351	Inorganic	GELC	CAPA-14-84558	08/13/14	Bulldog Spring	—	—
2014-4351	Inorganic	GELC	CAPA-14-84560	08/13/14	Bulldog Spring	—	—
2014-4351	Organic	GELC	CAPA-14-84558	08/13/14	Bulldog Spring	—	—
2014-4376	Inorganic	GELC	CAWA-14-84620	08/14/14	Between E252 and Water at Beta	—	—
2014-4376	Inorganic	GELC	CAWA-14-84622	08/14/14	Between E252 and Water at Beta	—	—
2014-4376	Organic	GELC	CAWA-14-84620	08/14/14	Between E252 and Water at Beta	—	—
2014-4376	Rad	GELC	CAWA-14-84620	08/14/14	Between E252 and Water at Beta	—	—
2014-4382	Inorganic	GELC	CAWA-14-84612	08/14/14	CdV-R-37-2 S2	1188.7	1213.8
2014-4382	Inorganic	GELC	CAWA-14-84596	08/14/14	CdV-R-37-2 S2	1188.7	1213.8
2014-4382	Organic	GELC	CAWA-14-84596	08/14/14	CdV-R-37-2 S2	1188.7	1213.8
2014-4391	Inorganic	GELC	CAWA-14-84608	08/18/14	CdV-16-2(i)r	850	859.7
2014-4391	Inorganic	GELC	CAWA-14-84599	08/18/14	R-25b	750	770.8
2014-4391	Inorganic	GELC	CAWA-14-84615	08/18/14	R-25b	750	770.8
2014-4391	Inorganic	GELC	CAWA-14-84592	08/18/14	CdV-16-2(i)r	850	859.7
2014-4391	Organic	GELC	CAWA-14-84599	08/18/14	R-25b	750	770.8
2014-4391	Organic	GELC	CAWA-14-84592	08/18/14	CdV-16-2(i)r	850	859.7
2014-4394	Inorganic	GELC	CAWA-14-84609	08/19/14	CDV-16-4ip S1	815.6	879.2
2014-4394	Inorganic	GELC	CAWA-14-84593	08/19/14	CDV-16-4ip S1	815.6	879.2
2014-4394	Organic	GELC	CAWA-14-84593	08/19/14	CDV-16-4ip S1	815.6	879.2
2014-4395	Inorganic	GELC	CAWA-14-84569	08/19/14	R-63	1325	1345.3
2014-4395	Inorganic	GELC	CAWA-14-84567	08/19/14	R-63	1325	1345.3
2014-4395	Inorganic	GELC	CAWA-14-84617	08/19/14	R-63	1325	1345.3
2014-4395	Inorganic	GELC	CAWA-14-84601	08/19/14	R-63	1325	1345.3

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-4395	Organic	GELC	CAWA-14-84569	08/19/14	R-63	1325	1345.3
2014-4395	Organic	GELC	CAWA-14-84601	08/19/14	R-63	1325	1345.3
2014-4398	Rad	ARSL	CAWA-14-84596	08/14/14	CdV-R-37-2 S2	1188.7	1213.8
2014-4398	Rad	ARSL	CAWA-14-84593	08/19/14	CDV-16-4ip S1	815.6	879.2
2014-4403	Organic	GELC	CAWA-14-84621	08/20/14	WCO-1r	6	16
2014-4403	Rad	GELC	CAWA-14-84621	08/20/14	WCO-1r	6	16
2014-4404	Inorganic	GELC	CAWA-14-84591	08/20/14	CdV-16-1(i)	624	634
2014-4404	Inorganic	GELC	CAWA-14-84607	08/20/14	CdV-16-1(i)	624	634
2014-4404	Organic	GELC	CAWA-14-84591	08/20/14	CdV-16-1(i)	624	634

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

[b] — = Not applicable.

[c] CFA = Cape Fear Analytical, LLC.

[d] Rad = Radiochemistry (not gamma).

[e] ARSL = American Radiation Services, Inc.