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Periodic Monitoring Report for Technical Area 16 260 Monitoring Group, Second Quarter, Monitoring Year 2016



Prepared by the Associate Directorate for Environmental Management

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August 2016

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the monitoring year 2016, second quarter, periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Technical Area 16 260 monitoring group. This PME was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2016 Monitoring Year, October 2015–September 2016, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from March 14 to March 30, 2016, and included the monitoring of surface-water, groundwater spring, and groundwater well or well screen 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. This PMR is the first to include TA-16 tracer study data and includes analytical results for samples collected during the initial tracer breakthrough monitoring period from December 2015 to March 2016.

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; and field parameters (dissolved oxygen, oxidation-reduction potential, pH, specific conductance, temperature, and turbidity).

No results from surface water samples collected before this PME and reported in this PMR were above screening levels. One result from surface-water locations sampled during the current PME was above applicable screening levels.

Fifteen results from groundwater samples collected before this PME and reported in this PMR were above screening levels. Eighteen results from groundwater samples collected during this PME were above applicable screening levels.

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Plate 1 Groundwater elevations

Acronyms and Abbreviations

amsl	above mean sea level
AOC	area of concern
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
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.)
EIM	Environmental Information Management (Database)
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)
MDA	material disposal area
MDL	method detection limit
N	no (best value flag code)
NMAC	New Mexico Administrative 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
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RLWTF	Radioactive Liquid Waste Treatment Facility
SIM	selected ion monitoring
SOP	standard operating procedure
SVOC	semivolatile organic compound

SWMU	solid waste management unit
TA	technical area
TDS	total dissolved solids
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 monitoring year 2016, second quarter, semiannual groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Technical Area 16 (TA-16) 260 monitoring group. Monitoring was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2016 Monitoring Year, October 2015–September 2016 (2016 IFGMP) (LANL 2015, 600467), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from March 14 to March 30, 2016, and included sampling of surface-water, groundwater spring, and groundwater well or well screen locations. One sampling location from the Water Canyon watershed portion of the General Surveillance monitoring group is also included in this report. 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 2016 IFGMP (LANL 2015, 600467).

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 2016 IFGMP (LANL 2015, 600467).

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. However, the four groundwater-elevation measurements listed below are not included in the Plate 1 groundwater-elevation plots.

Monitoring Location	Groundwater Level Measurement Date	Groundwater Elevation (feet, above mean sea level)
R-25b	11/19/15	6802.25
	11/20/15	6769.67
	11/21/15	6768.99
CdV-16-1(i)	11/21/15	7045.80

These water-level measurements are artificially elevated because significant volumes of tracer solution were introduced into wells R-25b and CdV-16-1(i) shortly before the measurements were collected. Excluding the four data points from Plate 1 allows presentation of the R-25b and CdV-16-1(i) plots with appropriate vertical scale resolution. The four artificially elevated water-level measurements are valid and will be retained in the groundwater-elevation database though they are omitted from the Plate 1 plots and will continue to be omitted from Plate 1 plots in future PMRs. The volumes of tracer solution and the date ranges of introduction into R-25b and CdV-16-1(i) are presented in Appendix G, Table G-1.

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 current PME.

Table 3.4-2 presents a list of analytes with method detection limits (MDLs) greater than screening levels. Some of the analytes were measured using more than one analytical method or analytical laboratory, leading to a range of MDLs. For some of these analytes, the MDL is much lower than for earlier analyses. Table 3.4-3 presents a list of analytes with MDLs below screening levels. The tables apply to the results with the lowest MDL, so the analytical method and analytical laboratory are included in the tables for reference.

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 2016 IFGMP (LANL 2015, 600467). Purge water is managed and characterized in accordance with the waste characterization strategy form associated with the well and ENV-RCRA-QP-010, Land Application of Groundwater. ENV-RCRA-QP-010 implements the NMED-approved Decision Tree for land application of drilling, development, rehabilitation, and 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/environment/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 industry 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 followed the guidelines set in the DOE model SOP for data validation, which included 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 F also includes two tables showing the contents of the appendix.

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) 6.4.900.
- Surface-water and groundwater perchlorate data are 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 lower 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 are used as the groundwater cleanup level. These screening levels are for either a cancer- or noncancer-risk type. For the cancer-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 November 2015 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 radionuclides and radioactivity are voluntarily compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Technical Standards (DCSs) for groundwater but are not reported in Table 4.2-3 or Appendix D.

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 are included in the table except for field duplicate exceedances. For example, if aluminum was detected above a screening level in both a primary sample and a field duplicate, only the primary sample result is shown. If aluminum was detected above a screening level in two primary samples, both results are shown.

Figures 4.2-1, 4.2-2, and 4.2-3 show concentrations at all locations from the current PME for analytes that exceeded their screening levels at more than one sampling location. For example, unfiltered RDX was above the EPA regional tap water screening level at more than one well, so all available RDX values from the current PME are shown in addition to the screening-level exceedances, which are displayed in yellow boxes.

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.

Appendix G presents a summary of the field activities conducted in October and November 2015 necessary to commence the TA-16 tracer study. This field work included dilution testing and the planned introduction of tracers into select groundwater monitoring wells. Appendix G also presents the tracer analytical results for samples collected during the initial breakthrough monitoring period from December 2015 to March 2016.

4.2.1 Surface Water (Base Flow)

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

For the current PME, the benzo(k)fluoranthene concentration detected at base-flow monitoring location "Canon de Valle below MDA P" was 0.211 µg/L, above the applicable New Mexico human health, organism only (NM HH OO), surface-water standard of 0.18 µg/L. This is the first time benzo(k)fluoranthene was detected at this monitoring location (based on sampling and analysis data since January 2007). The reported detection was determined by analytical method SW-846:8270D. In contrast, benzo(k)fluoranthene was not detected in the current PME sample collected at Canon de Valle below MDA P and analyzed by the low-MDL semivolatile organic compound (SVOC) method (i.e., SW-846:8270DGCMS_SIM).

4.2.2 Groundwater

Fifteen results from groundwater samples collected before this PME and reported in this PMR were above screening levels. Eighteen results from groundwater samples collected during this PME were above applicable screening levels.

Groundwater Springs

For the December 1, 2015, sampling event at Martin Spring, boron and RDX were detected at 936 µg/L and 65.8 µg/L, respectively. These results were above the NMWQCC groundwater standard of 750 µg/L for boron and the EPA tap water screening level of 7 µg/L for RDX. For the current PME, benzo(a)anthracene, boron, and RDX were detected at 0.186 µg/L, 876 µg/L, and 71.7 µg/L, respectively, at Martin Spring. These results were above the EPA tap water screening level of 0.12 µg/L for benzo(a)anthracene, the NMWQCC groundwater standard of 750 µg/L for boron, and the EPA tap water screening level of 7 µg/L for RDX. The current PME is the first time benzo(a)anthracene was detected at this monitoring location (based on sampling and analysis data since April 2001). The reported detection was determined by analytical method SW-846:8270D. In contrast, benzo(a)anthracene was not detected in the current PME sample collected at Martin Spring and analyzed by the low-MDL SVOC method. The boron results for Martin Spring are within the 570 µg/L to 2840 µg/L concentration range for this monitoring location since 1997. The RDX results for Martin Spring are within the 3.54 µg/L to 230 µg/L concentration range at this monitoring location since 2000.

For the current PME, the concentration of RDX detected at SWSC Spring was 26.3 µg/L, above the applicable 7-µg/L screening level. This RDX result is within the 22.5 µg/L to 61 µg/L concentration range for this monitoring location since May 2007.

For the December 12, 2015, sampling event at Burning Ground Spring, RDX was detected at 10.8 µg/L, above the EPA tap water screening level of 7 µg/L. For the current PME, RDX was detected at Burning Ground Spring at 14.6 µg/L, above the applicable 7-µg/L screening level. The RDX results for Burning Ground Spring are within the 4.59 µg/L to 51.3 µg/L concentration range (with one elevated detection of 100 µg/L) for this monitoring location since 2000.

Alluvial Monitoring Wells

For the December 11, 2015, sampling event at CDV-16-611923, barium, iron, and manganese were detected at 9090 µg/L, 1020 µg/L, and 313 µg/L, respectively. These concentrations were above the NMWQCC groundwater standards: 1000 µg/L for barium, 1000 µg/L for iron, and 200 µg/L for manganese. For the current PME, barium was detected at CDV-16-611923 at 7070 µg/L, above the applicable 1000-µg/L standard. The ranges of previous concentrations since April 2010 for barium, iron, and manganese at CDV-16-611923 are 9130 µg/L to 49,400 µg/L, nondetect to 11,400 µg/L, and 111 µg/L to 7510 µg/L, respectively.

For the December 12, 2015, sampling event at CDV-16-02656, barium was detected at 2620 µg/L, above the NMWQCC groundwater standard of 1000 µg/L. For the current PME, barium was detected at CDV-16-02656 at 2460 µg/L, above the applicable 1000-µg/L standard. The range of previous barium concentrations detected at CDV-16-02656 since January 2007 is 2620 µg/L to 4770 µg/L.

For the December 16, 2015, sampling event at CDV-16-02659, barium was detected at 4660 µg/L, above the NMWQCC groundwater standard of 1000 µg/L. For the current PME, barium was detected at CDV-16-02659 at 5660 µg/L, above the applicable 1000-µg/L standard. Barium concentration results at CDV-16-02659 since January 2007 range from 4580 µg/L to 13,600 µg/L.

For the December 11, 2015, sampling event at MSC-16-06293, boron was detected at 1310 µg/L, above the NMWQCC groundwater standard of 750 µg/L. For the current PME, boron was detected at MSC-16-06293 at 991 µg/L, above the applicable 750-µg/L standard. The boron results for MSC-16-06293 are within the 623 µg/L to 1550 µg/L concentration range for this monitoring location since April 2008.

For the current PME, the concentration of iron detected at MSC-16-06294 was 1660 µg/L, above the applicable NMWQCC groundwater standard of 1000 µg/L. This analytical result is within the 98.1 µg/L to 5740 µg/L range of iron concentrations detected at MSC-16-06294 since January 2007.

Intermediate Monitoring Wells

For the December 3, 2015, sampling event at R-26 PZ-2, cobalt, iron, and manganese were detected at 95 µg/L, 3150 µg/L and 1380 µg/L, respectively. These concentrations were above the NMWQCC groundwater standards for these analytes: 50 µg/L for cobalt, 1000 µg/L for iron, and 200 µg/L for manganese. For the current PME, manganese was detected at R-26 PZ-2 at 266 µg/L, above the applicable 200-µg/L standard. The ranges of previous cobalt, iron, and manganese concentrations detected at R-26 PZ-2 since April 2009 were 2.15 µg/L to 14.2 µg/L, nondetect to 54.8 µg/L, and nondetect to 93.8 µg/L, respectively.

For the December 7, 2015, sampling event at CDV-16-4ip S1 (screen 1), RDX was detected at 135 µg/L, above the EPA tap water screening level of 7 µg/L. For the current PME, RDX was detected at CDV-16-4ip S1 at 134 µg/L, above the applicable 7-µg/L screening level. The RDX results for CDV-16-4ip S1 are within the 120 µg/L to 265 µg/L concentration range for this monitoring location since August 2010.

For the December 7, 2015, sampling event at CdV-16-2(i)r, RDX was detected at 128 µg/L, above the EPA tap water screening level of 7 µg/L. For the current PME, RDX was detected at CdV-16-2(i)r at 103 µg/L, above the applicable 7-µg/L screening level. The range of previous RDX concentrations detected at CdV-16-2(i)r since 2006 is 48.4 µg/L to 103 µg/L.

For the November 13, 2015, sampling event at CdV-16-1(i), RDX was detected at 28.1 µg/L, above the EPA tap water screening level of 7 µg/L. For the current PME, RDX was detected at CdV-16-1(i) at 26.2 µg/L, above the applicable 7-µg/L screening level. The RDX results for CdV-16-1(i) are within the 22.2 µg/L to 32.4 µg/L concentration range at this monitoring location since 2005.

For the current PME, the RDX concentration detected at well 16-26644 was 22.9 µg/L, above the EPA tap water screening level of 7 µg/L. Since 2011, there have been three sample results (including the current PME result) that have exceeded the RDX tap water screening level at well 16-26644. The range of previous RDX concentrations detected at well 16-26644 since 2011 is 1.42 µg/L to 49.3 µg/L.

For the current PME, the RDX concentration detected at CDV-9-1(i) S1 was 25.4 µg/L, above the EPA tap water screening level of 7 µg/L. The range of previous RDX concentrations detected at CDV-9-1(i) S1 since May 2015 is 25.0 µg/L to 37.3 µg/L.

For the current PME, the total dissolved solids (TDS) concentration detected at well R-25b was 1880 mg/L, above the applicable NMWQCC groundwater standard of 1000 mg/L. The range of previous TDS concentrations detected at R-25b since January 2009 is 32.9 mg/L to 192 mg/L.

Regional Monitoring Wells

For the current PME, the concentration of N-nitrosodimethylamine detected at R-47 was 1.57 µg/L, above the EPA tap water screening level of 0.0011 µg/L. This is the first time N-nitrosodimethylamine was detected at this monitoring location (based on sampling and analysis data since November 2014). The reported detection was determined by analytical method SW-846:8270D. In contrast, N-nitrosodimethylamine was not detected in the current PME sample collected at R-47 and analyzed by the low-MDL SVOC method.

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 sampling of PME surface-water monitoring locations reported in this PMR were above applicable screening levels. One result from surface-water locations sampled during the current PME was above applicable screening levels.

The detection of benzo(k)fluoranthene at Canon de Valle below MDA P is the first time this analyte was detected at this monitoring location. A definitive assessment of the current PME's benzo(k)fluoranthene analytical data (both detected and nondetected results) cannot be made at this time. Continued monitoring is necessary.

5.2.2 Groundwater

Fifteen results from previous PME groundwater samples were above applicable screening levels. Eighteen 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 the following exceptions:

- The detection of benzo(a)anthracene at Martin Spring is the first time this analyte was detected at this monitoring location. A definitive assessment of the current PME's benzo(a)anthracene analytical data (both detected and nondetected results) cannot be made at this time. Continued monitoring is necessary.

- The barium results reported in this PMR for alluvial well CDV-16-611923 (i.e., 9090 µg/L and 7070 µg/L) represent two new concentration-range lows for this analyte. Before these two monitoring events (December 11, 2015, and March 28, 2016), the concentration range of barium at CDV-16-611923 was 9130 µg/L to 49,400 µg/L since April 2010.
- The barium result reported in this PMR for alluvial well CDV-16-02656 (i.e., 2460 µg/L) represents a new concentration-range low for this analyte. Before the current PME, the concentration range of barium at CDV-16-02656 was 2620 µg/L to 4770 µg/L since January 2007.
- The cobalt (95 µg/L), iron (3150 µg/L), and manganese (1380 µg/L and 266 µg/L) results reported in this PMR for intermediate well R-26 PZ-2 represent new concentration-range highs for these analytes. The ranges of previous cobalt, iron, and manganese concentrations detected at R-26 PZ-2 since April 2009 were 2.15 µg/L to 14.2 µg/L, nondetect to 100 µg/L, and nondetect to 93.8 µg/L, respectively.
- The RDX result for the December 7, 2015, sampling event reported in this PMR for intermediate well CdV-16-2(i)r (i.e., 128 µg/L) represents a new concentration-range high for this analyte. Before this monitoring event, the concentration range of RDX at CdV-16-2(i)r was 48.4 µg/L to 103 µg/L since 2006.
- The TDS result reported in this PMR for intermediate well R-25b (i.e., 1880 mg/L) represents a new concentration-range high for this analyte. Before the current PME, the concentration range of TDS at R-25b was 32.9 mg/L to 192 mg/L since January 2009.
- The detection of N-nitrosodimethylamine at regional well R-47 is the first time this analyte was detected at this monitoring location. A definitive assessment of the N-nitrosodimethylamine analytical data (both detected and nondetected results) cannot be made at this time. Continued monitoring is necessary.

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), May 2015. "Interim Facility-Wide Groundwater Monitoring Plan for the 2016 Monitoring Year, October 2015–September 2016," Los Alamos National Laboratory document LA-UR-15-23276, Los Alamos, New Mexico. (LANL 2015, 600467)

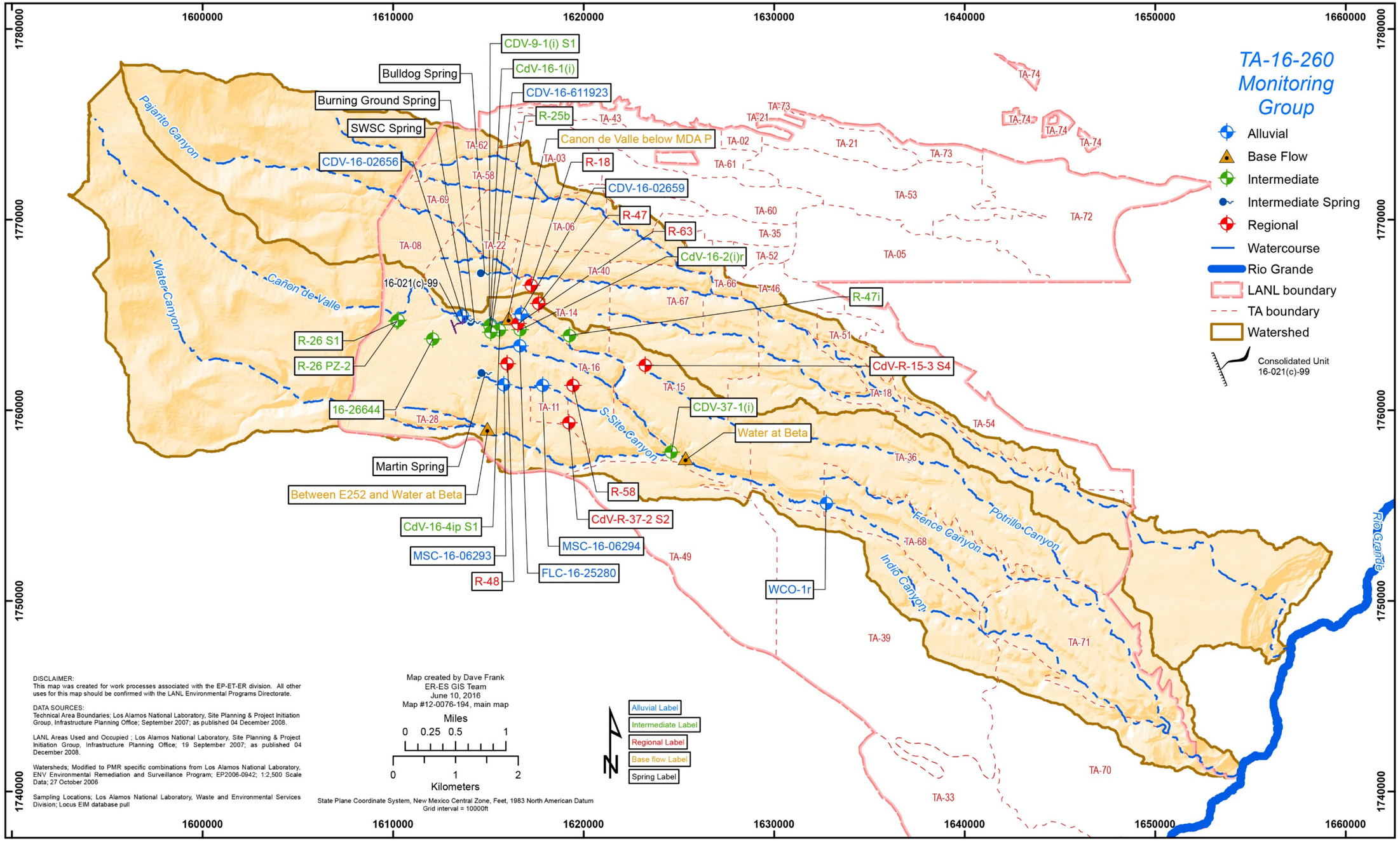


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 2.0-1)

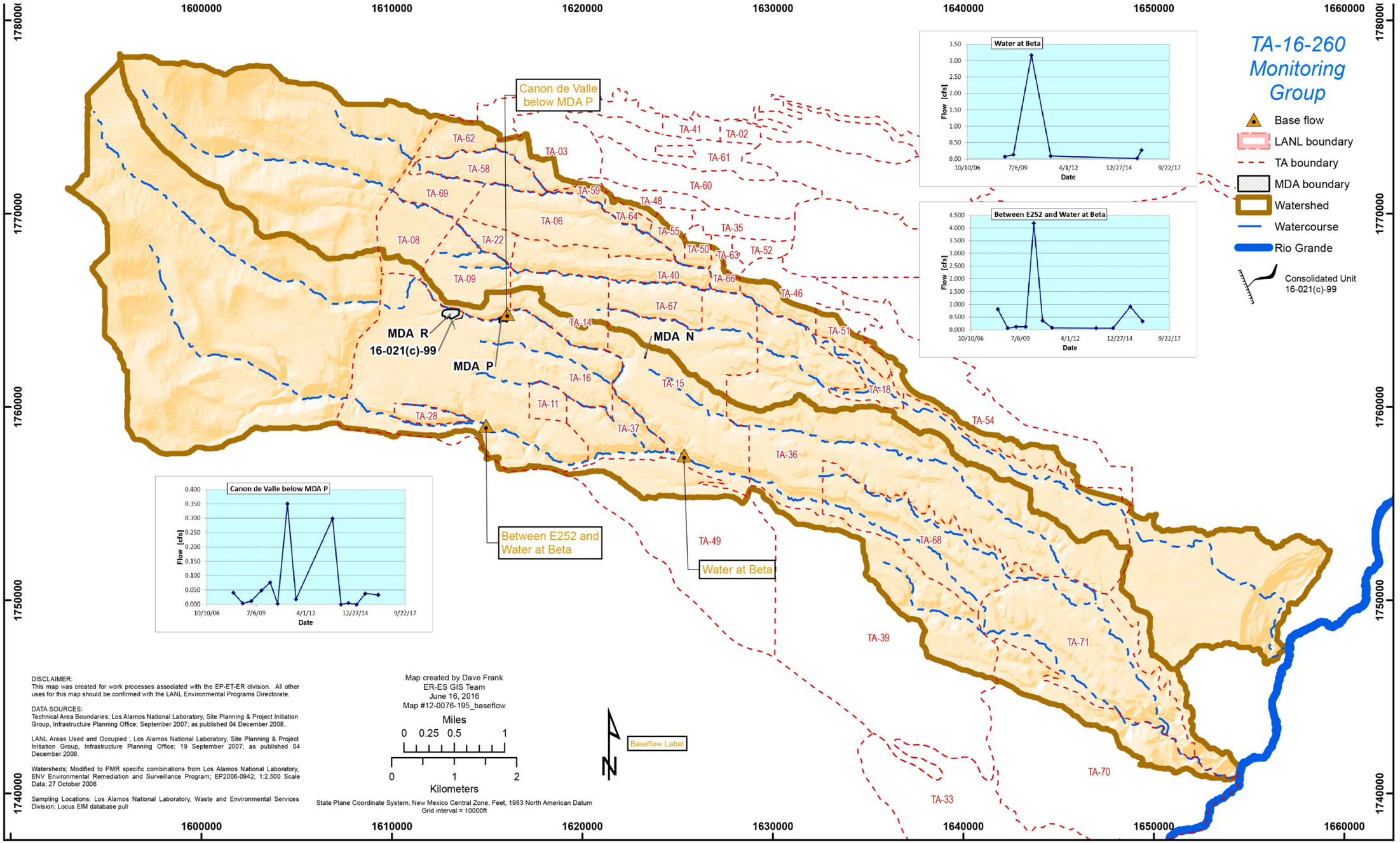


Figure 3.3-1 Base-flow measurements

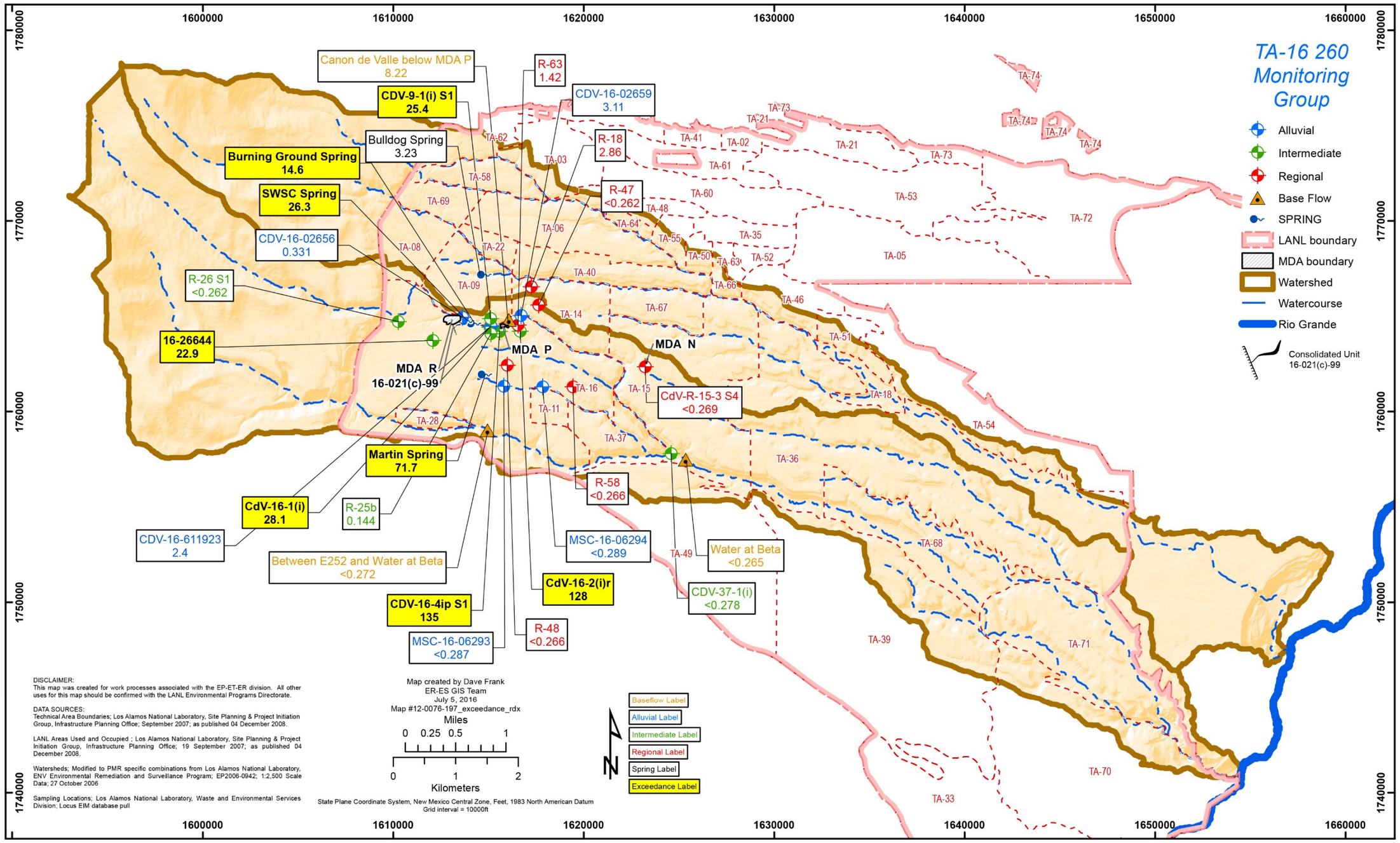


Figure 4.2-1 Monitoring group unfiltered RDX concentrations in µg/L. The EPA tap water screening level is 7 µg/L.

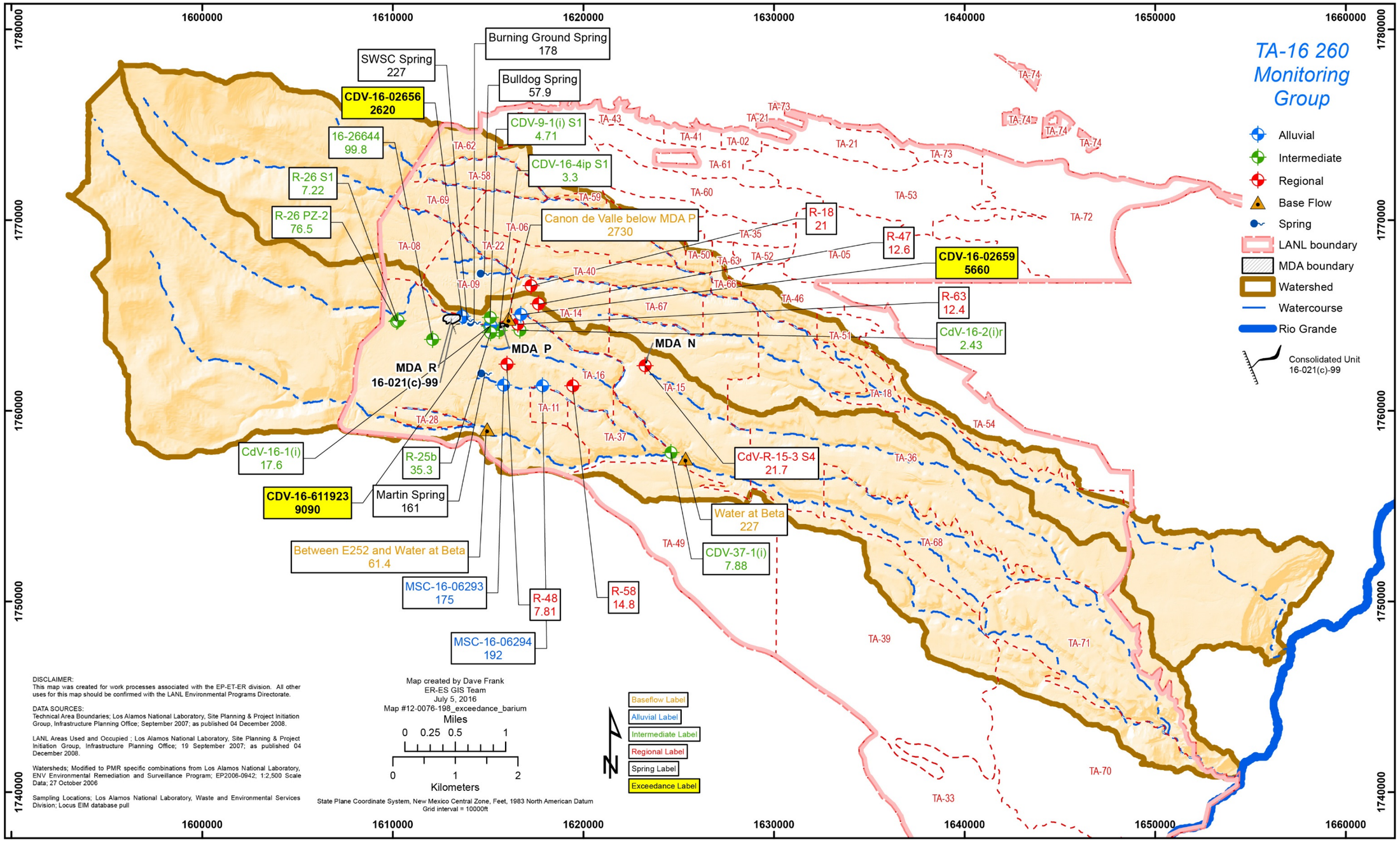


Figure 4.2-2 Monitoring group filtered barium concentrations in µg/L. The NMWQCC groundwater standard is 1000 µg/L.

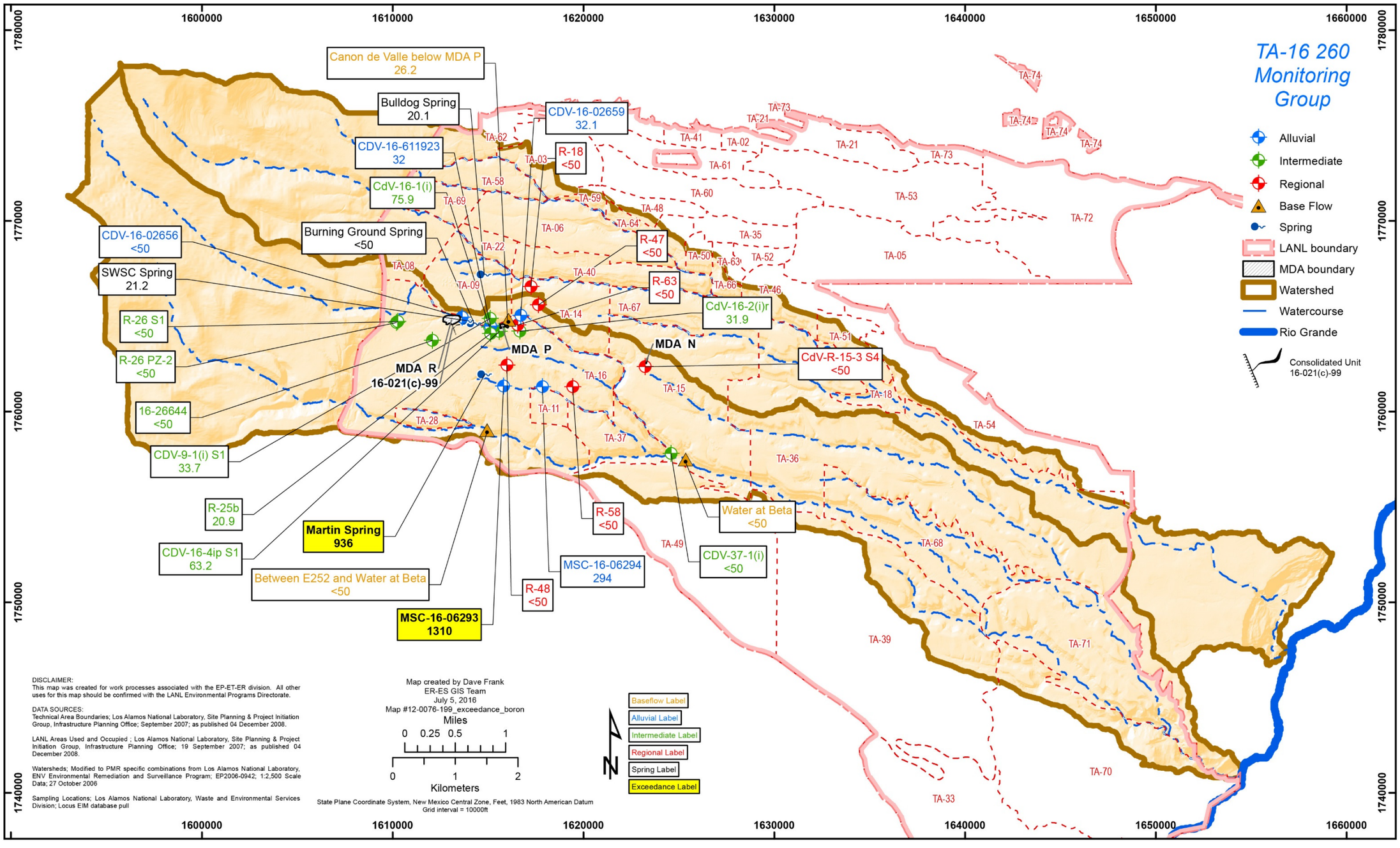


Figure 4.2-3 Monitoring group filtered boron concentrations in µg/L. The NMWQCC groundwater standard is 750 µg/L.

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

Location Name	Sample Collection Date	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
Base Flow							
Canon de Valle below MDA P	03/28/16	n/a[b]	n/a	n/a	n/a	n/a	14.8
Between E252 and Water at Beta	03/29/16	n/a	n/a	n/a	n/a	n/a	149.91
Water at Beta	03/18/16	n/a	n/a	n/a	n/a	n/a	120.7
Spring							
Bulldog Spring	03/30/16	n/a	n/a	n/a	n/a	n/a	58.35
Burning Ground Spring	03/25/16	n/a	n/a	n/a	n/a	n/a	9.35
Martin Spring	03/28/16	n/a	n/a	n/a	n/a	n/a	1.11
SWSC Spring	03/25/16	n/a	n/a	n/a	n/a	n/a	0.18
Alluvial							
CDV-16-02656	03/25/16	5	3	8	0.68	2.04	0.11
CDV-16-02659	03/14/16	5	1.7	6.7	1.9	3.66	0.07
CDV-16-611923	03/28/16	5	3.2	8.2	0.72	2.14	0.16
MSC-16-06293	03/16/16	5	2.0	7	3.75	3.75	0.07
MSC-16-06294	03/16/16	4.8	2.5	7.3	3.75	5.45	0.11
FLC-16-25280	n/a	1.6	2.6	4.2	n/a	n/a	n/a
WCO-1r[c]	n/a	10	6	16	n/a	n/a	n/a
Intermediate							
16-26644	03/15/16	15	130	145	1.85	11.1	0.85
CDV-9-1(i) S1	03/17/16	55	937.4	992.4	87.4	263.2	2.83
CdV-16-1(i)	03/24/16	10	624	634	58.66	176.85	1.31
CdV-16-2(i)r	03/30/16	9.7	850	859.7	25.9	78	3
CDV-16-4ip S1	03/14/16	63.6	815.6	879.2	86.6	260	1.94
CDV-37-1(i)	03/18/16	20.5	632	652.5	33.4	102.5	2.5
R-25b	03/16/16	20.8	750	770.8	25.9	65.2	0.25
R-26 PZ-2	03/24/16	30	150	180	0.44	0.17	NC[d]
R-26 S1	03/23/16	18.1	651.8	669.9	74.1	224	4
R-47i	n/a	20.6	840	860.6	n/a	n/a	n/a
Regional							
CdV-R-15-3 S4	03/17/16	43.8	1235.1	1278.9	44.9	275	6.25
CdV-R-37-2 S2	n/a	25.1	1188.7	1213.8	n/a	n/a	n/a
R-18	03/15/16	23	1358	1381	96.5	293.4	6.52
R-47	03/21/16	21.3	1322	1343.3	51.6	157.5	3.75

Table 2.0-1 (continued)

Location Name	Sample Collection Date	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
R-48	03/22/16	20.6	1500	1520.6	189.8	720	6
R-58	03/21/16	20.3	1257	1277.3	48.2	299.88	4.41
R-63	03/29/16	20.3	1325	1345.3	104.3	315.2	7.69

[a] gpm = Gallons per minute.

[b] n/a = Not applicable.

[c] Water Canyon portion of the General Surveillance monitoring group.

[d] NC = Not collected. R-26 PZ-2 is a piezometer well that must be manually bailed to purge and sample; therefore, a purge flow rate does not exist.

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

Location	Deviation	Cause	Comment
FLC-16-25280	A sample was not collected.	The location had insufficient water for sampling. The attempted sampling date was 03/18/16.	An attempt to sample the location will be made during the next scheduled PME.
R-47i	A sample was not collected.	There were access restrictions because of the presence of threatened and endangered species. The attempted sampling date was 03/18/16.	The location will be sampled during the next scheduled PME if access restrictions are no longer in effect.
CdV-R-37-2 S2	A sample was not collected.	This location was not sampled because the well pump was not functional. The attempted sampling date was 03/30/16.	Pump replacement is currently scheduled for July 2016.
WCO-1r	A sample was not collected.	The location was dry. The attempted sampling date was 03/18/16.	An attempt to sample the location will be made during the next scheduled PME.
R-26 PZ-2	A prioritized sampling suite was collected.	A limited volume of water was available for sample collection.	Samples for VOC and metals analysis were collected according to the prioritized sampling protocol for the well.
R-25b	A prioritized sampling suite was collected.	A limited volume of water was available for sample collection.	Samples for VOC, SVOC, metals, HE, and general inorganic analysis were collected according to the prioritized sampling protocol for the well.
MSC-16-06293	A prioritized sampling suite was collected.	A limited volume of water was available for sample collection.	Samples for VOC, metals, HE, and general inorganics analysis were collected according to the prioritized sampling protocol for the well.

Table 3.4-2
Target Analytes with MDLs above Screening Levels for Current PME

Analyte Name	MDL	Analytical Method	Screening Level	Unit	Screening-Level Type	Lab ID
Pesticides/PCBs						
Hexachlorobenzene	0.00644–0.00679	SW-846:8081B	0.0029	µg/L	NM HH OO[a]	GELC[b]
Semivolatile Organic Compounds						
Atrazine	3.13	SW-846:8270D	3	µg/L	EPA MCL	GELC
Azobenzene	1.5–3.13	SW-846:8270D	1.2	µg/L	EPA TAP SCRN LVL[c]	GELC
Benzidine	0.83–4.06	SW-846:8270DGCMS_SIM, SW-846:8270D	0.0011–0.002	µg/L	EPA TAP SCRN LVL, NM HH OO[d]	GELC
Benzo(a)anthracene	0.15–0.313	SW-846:8270D	0.12	µg/L	EPA TAP SCRN LVL	GELC
Benzo(a)pyrene	0.3–0.313	SW-846:8270D	0.2	µg/L	EPA MCL	GELC
Bis(2-chloroethyl)ether	1.5–3.13	SW-846:8270D	0.14	µg/L	EPA TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.0341–0.313	SW-846:8270DGCMS_SIM, SW-846:8270D	0.034	µg/L	EPA TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	1.5–3.13	SW-846:8270D	0.28–1.3	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Dinitro-2-methylphenol[4,6-]	1.53–3.13	SW-846:8270D	1.5	µg/L	EPA TAP SCRN LVL	GELC
Hexachlorobenzene	1.5–3.13	SW-846:8270D	0.0029–1	µg/L	EPA MCL, NM HH OO	GELC
Nitrosodiethylamine[N-]	0.03–3.13	SW-846:8270DGCMS_SIM, SW-846:8270D	0.0017	µg/L	EPA TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	0.07–3.13	SW-846:8270DGCMS_SIM, SW-846:8270D	0.0011	µg/L	EPA TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	0.03–3.13	SW-846:8270DGCMS_SIM, SW-846:8270D	0.027	µg/L	EPA TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	1.5–3.13	SW-846:8270D	0.11	µg/L	EPA TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	1.5–3.13	SW-846:8270D	0.37	µg/L	EPA TAP SCRN LVL	GELC
Pentachlorophenol	1.5–3.13	SW-846:8270D	1	µg/L	EPA MCL	GELC

Table 3.4-2 (continued)

Analyte Name	MDL	Analytical Method	Screening Level	Unit	Screening-Level Type	Lab ID
Volatile Organic Compounds						
Acrolein	0.5–1.5	SW-846:8260B_SIM, SW-846:8260B	0.042	µg/L	EPA TAP SCRN LVL	GELC
Acrylonitrile	1–1.5	SW-846:8260B	0.52	µg/L	EPA TAP SCRN LVL	GELC
Chloro-1,3-butadiene[2-]	0.2–0.3	SW-846:8260B	0.19	µg/L	EPA TAP SCRN LVL	GELC
Dibromo-3-Chloropropane[1,2-]	0.5	SW-846:8260B	0.2	µg/L	EPA MCL	GELC
Dibromoethane[1,2-]	0.3	SW-846:8260B	0.05	µg/L	EPA MCL	GELC
Trichloropropane[1,2,3-]	0.0176–0.3	SW-846:8011, SW-846:8260B	0.0075	µg/L	EPA TAP SCRN LVL	GELC

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

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

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

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

Table 3.4-3
Target Analytes with MDLs below Screening Levels for Current PME

Analyte Name	MDL	Analytical Method	Screening Level	Unit	Screening-Level Type	Lab ID
Herbicides						
Pentachlorophenol	0.0833–0.0936	SW-846:8151A	1–15	µg/L	EPA MCL, NMWQCC Aqu Chronic[a]	GELC[b]
Pesticides and PCBs						
Hexachlorobenzene	0.00638–0.00727	SW-846:8081B	1	µg/L	EPA MCL	GELC
Semivolatile Organic Compounds						
Atrazine	1.5–3	SW-846:8270D	3	µg/L	EPA MCL	GELC
Benzo(a)anthracene	0.03–0.167	SW-846:8270DGCMS_SIM, SW-846:8270D	0.12–0.18	µg/L	EPA TAP SCRN LVL[c], NM HH OO	GELC
Benzo(a)pyrene	0.03–0.179	SW-846:8270D, SW-846:8270DGCMS_SIM	0.18–0.2	µg/L	EPA MCL, NM HH OO	GELC
Benzo(b)fluoranthene	0.03–0.313	SW-846:8270D, SW-846:8270DGCMS_SIM	0.18–0.34	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC

Table 3.4-3 (continued)

Analyte Name	MDL	Analytical Method	Screening Level	Unit	Screening-Level Type	Lab ID
Bis(2-chloroethyl)ether	0.03–1.67	SW-846:8270DGCMS_SIM, SW-846:8270D	0.14–5.3	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Dibenz(a,h)anthracene	0.03–0.167	SW-846:8270DGCMS_SIM, SW-846:8270D	0.034–0.18	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Dichlorobenzidine[3,3'-]	0.039–0.0443	SW-846:8270DGCMS_SIM	0.28–1.3	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Dinitro-2-methylphenol[4,6-]	1.5–1.67	SW-846:8270D	1.5–280	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Indeno(1,2,3-cd)pyrene	0.03–0.313	SW-846:8270D, SW-846:8270DGCMS_SIM	0.18–0.34	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Nitrosodimethylamine[N-]	0.07–1.67	SW-846:8270D, SW-846:8270DGCMS_SIM	30	µg/L	NM HH OO	GELC
Nitroso-di-n-propylamine[N-]	0.03–1.67	SW-846:8270DGCMS_SIM, SW-846:8270D	0.11–5.1	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Nitrosopyrrolidine[N-]	0.03–0.0341	SW-846:8270DGCMS_SIM	0.37	µg/L	EPA TAP SCRN LVL	GELC
Oxybis(1-chloropropane)[2,2'-]	1.5–3.13	SW-846:8270D	710–65000	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Pentachlorophenol	1.53–1.67	SW-846:8270D	15	µg/L	NMWQCC Aqu Chronic	GELC
Volatile Organic Compounds						
Acrolein	0.5–1.5	SW-846:8260B, SW-846:8260B_SIM	9	µg/L	NM HH OO	GELC
Acrylonitrile	0.5–1	SW-846:8260B_SIM, SW-846:8260B	0.52–2.5	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Chloro-1,3-butadiene[2-]	0.1	SW-846:8260B_SIM	0.19	µg/L	EPA TAP SCRN LVL	GELC
Dibromo-3-Chloropropane[1,2-]	0.00836–0.00912	SW-846:8011	0.2	µg/L	EPA MCL	GELC
Dibromoethane[1,2-]	0.00836–0.00912	SW-846:8011	0.05	µg/L	EPA MCL	GELC
Methacrylonitrile	1–1.5	SW-846:8260B	1.9	µg/L	EPA TAP SCRN LVL	GELC

[a] NMWQCC Aqu Chronic = NMWQCC aquatic life standards chronic.

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

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

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 BCG	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 MCL	X	n/a
EPA Regional Screening Levels[d]	EPA Regional Screening Levels for Tap Water	X	n/a
Consent Order	Screening Level for Perchlorate in Groundwater	X	n/a
20 NMAC 6.2.3103	NMWQCC Groundwater Standard	X	n/a
20 NMAC 6.4.900.C	NMWQCC Irrigation Standard	n/a	X
20 NMAC 6.4.900.F	NMWQCC Livestock Watering Standard	n/a	X
20 NMAC 6.4.900.G	NMWQCC Wildlife Habitat Standard	n/a	X
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Standards Acute	n/a	X[e,f]
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Standards Chronic	n/a	X[e,f]
20 NMAC 6.4.900.H	NMWQCC Aquatic Life 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.

[d] Available at http://www.epa.gov/risk/risk-based-screening-table-generic-tables.

[e] Hardness-based standards for total recoverable aluminum and dissolved chromium(III) conservatively compared with results for total aluminum and dissolved chromium, respectively.

[f] Standard for dissolved chromium(VI) conservatively compared with results for dissolved chromium.

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

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

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

Location	Date	Analyte	Field Prep Code	Result	Unit	Screening Level	Screening-Level Type
Base Flow							
Canon de Valle below MDA P	03/28/16	Benzo(k)fluoranthene	UF[a]	0.211	µg/L	0.18	NM HH OO
Groundwater Springs							
Martin Spring	03/28/16	Benzo(a)anthracene	UF	0.186	µg/L	0.12	EPA TAP SCRN LVL[b]
Martin Spring	12/01/15	Boron	F[c]	936	µg/L	750	NMWQCC GW STD[d]
Martin Spring	03/28/16	Boron	F	876	µg/L	750	NMWQCC GW STD
Martin Spring	12/01/15	RDX	UF	65.8	µg/L	7	EPA TAP SCRN LVL
Martin Spring	03/28/16	RDX	UF	71.7	µg/L	7	EPA TAP SCRN LVL
SWSC Spring	03/25/16	RDX	UF	26.3	µg/L	7	EPA TAP SCRN LVL
Burning Ground Spring	12/12/15	RDX	UF	10.8	µg/L	7	EPA TAP SCRN LVL
Burning Ground Spring	03/25/16	RDX	UF	14.6	µg/L	7	EPA TAP SCRN LVL
Alluvial Monitoring Wells							
CDV-16-611923	12/11/15	Barium	F	9090	µg/L	1000	NMWQCC GW STD
CDV-16-611923	03/28/16	Barium	F	7070	µg/L	1000	NMWQCC GW STD
CDV-16-02656	12/12/15	Barium	F	2620	µg/L	1000	NMWQCC GW STD
CDV-16-02656	03/25/16	Barium	F	2460	µg/L	1000	NMWQCC GW STD
CDV-16-02659	12/16/15	Barium	F	4660	µg/L	1000	NMWQCC GW STD
CDV-16-02659	03/14/16	Barium	F	5660	µg/L	1000	NMWQCC GW STD
MSC-16-06293	12/11/15	Boron	F	1310	µg/L	750	NMWQCC GW STD
MSC-16-06293	03/16/16	Boron	F	991	µg/L	750	NMWQCC GW STD
MSC-16-06294	03/16/16	Iron	F	1660	µg/L	1000	NMWQCC GW STD
CDV-16-611923	12/11/15	Iron	F	1020	µg/L	1000	NMWQCC GW STD
CDV-16-611923	12/11/15	Manganese	F	313	µg/L	200	NMWQCC GW STD

Table 4.2-3 (continued)

Location	Date	Analyte	Field Prep Code	Result	Unit	Screening Level	Screening-Level Type
Intermediate Monitoring Wells							
R-26 PZ-2	12/03/15	Cobalt	F	95	µg/L	50	NMWQCC GW STD
R-26 PZ-2	12/03/15	Iron	F	3150	µg/L	1000	NMWQCC GW STD
R-26 PZ-2	12/03/15	Manganese	F	1380	µg/L	200	NMWQCC GW STD
R-26 PZ-2	03/24/16	Manganese	F	266	µg/L	200	NMWQCC GW STD
CDV-16-4ip S1	12/07/15	RDX	UF	135	µg/L	7	EPA TAP SCRN LVL
CDV-16-4ip S1	03/14/16	RDX	UF	134	µg/L	7	EPA TAP SCRN LVL
CdV-16-2(i)r	12/07/15	RDX	UF	128	µg/L	7	EPA TAP SCRN LVL
CdV-16-2(i)r	03/30/16	RDX	UF	103	µg/L	7	EPA TAP SCRN LVL
CdV-16-1(i)	11/13/15	RDX	UF	28.1	µg/L	7	EPA TAP SCRN LVL
CdV-16-1(i)	03/24/16	RDX	UF	26.2	µg/L	7	EPA TAP SCRN LVL
16-26644	03/15/16	RDX	UF	22.9	µg/L	7	EPA TAP SCRN LVL
CDV-9-1(i) S1	03/17/16	RDX	UF	25.4	µg/L	7	EPA TAP SCRN LVL
R-25b	03/16/16	Total Dissolved Solids	F	1880	mg/L	1000	NMWQCC GW STD
Regional Monitoring Wells							
R-47	03/21/16	Nitrosodimethylamine[N-]	UF	1.57	µg/L	0.0011	EPA TAP SCRN LVL

[a] UF = Unfiltered.

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

[d] F = Filtered.

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

Appendix A

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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
16-26644	130	03/15/16	WG[a]	Dissolved Oxygen	7.54	mg/L	CAWA-16-110731
16-26644	130	12/02/15	WG	Dissolved Oxygen	7.79	mg/L	CAWA-16-106921
16-26644	130	07/20/15	WG	Dissolved Oxygen	7.39	mg/L	CAWA-15-100827
16-26644	130	01/14/15	WG	Dissolved Oxygen	8.07	mg/L	CAWA-15-91322
16-26644	130	08/05/14	WG	Dissolved Oxygen	7.83	mg/L	CAWA-14-84586
16-26644	130	03/15/16	WG	Flow (in gpm[b])	0.85	gpm	CAWA-16-110731
16-26644	130	12/02/15	WG	Flow (in gpm)	0.57	gpm	CAWA-16-106921
16-26644	130	07/20/15	WG	Flow (in gpm)	0.6	gpm	CAWA-15-100827
16-26644	130	01/14/15	WG	Flow (in gpm)	1	gpm	CAWA-15-91322
16-26644	130	08/05/14	WG	Flow (in gpm)	1	gpm	CAWA-14-84586
16-26644	130	03/15/16	WG	Oxidation-Reduction Potential	319.7	mV	CAWA-16-110731
16-26644	130	12/02/15	WG	Oxidation-Reduction Potential	185	mV	CAWA-16-106921
16-26644	130	07/20/15	WG	Oxidation-Reduction Potential	85.7	mV	CAWA-15-100827
16-26644	130	01/14/15	WG	Oxidation-Reduction Potential	260.4	mV	CAWA-15-91322
16-26644	130	08/05/14	WG	Oxidation-Reduction Potential	-6.9	mV	CAWA-14-84586
16-26644	130	03/15/16	WG	pH	6.11	SU[c]	CAWA-16-110731
16-26644	130	12/02/15	WG	pH	7.16	SU	CAWA-16-106921
16-26644	130	07/20/15	WG	pH	5.9	SU	CAWA-15-100827
16-26644	130	01/14/15	WG	pH	6.39	SU	CAWA-15-91322
16-26644	130	08/05/14	WG	pH	6.85	SU	CAWA-14-84586
16-26644	130	03/15/16	WG	Specific Conductance	215	µS/cm	CAWA-16-110731
16-26644	130	12/02/15	WG	Specific Conductance	233	µS/cm	CAWA-16-106921
16-26644	130	07/20/15	WG	Specific Conductance	234	µS/cm	CAWA-15-100827
16-26644	130	01/14/15	WG	Specific Conductance	189	µS/cm	CAWA-15-91322
16-26644	130	08/05/14	WG	Specific Conductance	216	µS/cm	CAWA-14-84586
16-26644	130	03/15/16	WG	Temperature	11.45	deg C	CAWA-16-110731
16-26644	130	12/02/15	WG	Temperature	10.14	deg C	CAWA-16-106921
16-26644	130	07/20/15	WG	Temperature	13.01	deg C	CAWA-15-100827

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
16-26644	130	01/14/15	WG	Temperature	11.35	deg C	CAWA-15-91322
16-26644	130	08/05/14	WG	Temperature	11.83	deg C	CAWA-14-84586
16-26644	130	03/15/16	WG	Turbidity	7.1	NTU[d]	CAWA-16-110731
16-26644	130	12/02/15	WG	Turbidity	3.9	NTU	CAWA-16-106921
16-26644	130	07/20/15	WG	Turbidity	3	NTU	CAWA-15-100827
16-26644	130	01/14/15	WG	Turbidity	2.05	NTU	CAWA-15-91322
16-26644	130	08/05/14	WG	Turbidity	2.2	NTU	CAWA-14-84586
Between E252 and Water at Beta	—[e]	03/29/16	WS[f]	Dissolved Oxygen	9.07	mg/L	CAWA-16-110732
Between E252 and Water at Beta	—	12/10/15	WS	Dissolved Oxygen	10.15	mg/L	CAWA-16-106922
Between E252 and Water at Beta	—	07/24/15	WG	Dissolved Oxygen	6.84	mg/L	CAWA-15-101757
Between E252 and Water at Beta	—	08/14/14	WS	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	—	03/29/16	WS	Flow (in gpm)	149.91	gpm	CAWA-16-110732
Between E252 and Water at Beta	—	12/10/15	WS	Flow (in gpm)	64.63	gpm	CAWA-16-106922
Between E252 and Water at Beta	—	07/24/15	WG	Flow (in gpm)	411.8	gpm	CAWA-15-101757
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	—	03/29/16	WS	pH	8.1	SU	CAWA-16-110732
Between E252 and Water at Beta	—	12/10/15	WS	pH	7.31	SU	CAWA-16-106922
Between E252 and Water at Beta	—	07/24/15	WG	pH	7.9	SU	CAWA-15-101757
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	—	03/29/16	WS	Specific Conductance	150	µS/cm	CAWA-16-110732
Between E252 and Water at Beta	—	12/10/15	WS	Specific Conductance	175	µS/cm	CAWA-16-106922
Between E252 and Water at Beta	—	07/24/15	WG	Specific Conductance	168	µS/cm	CAWA-15-101757
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	—	03/29/16	WS	Temperature	7.64	deg C	CAWA-16-110732

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Between E252 and Water at Beta	—	12/10/15	WS	Temperature	2.93	deg C	CAWA-16-106922
Between E252 and Water at Beta	—	07/24/15	WG	Temperature	21.31	deg C	CAWA-15-101757
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	—	03/29/16	WS	Turbidity	4	NTU	CAWA-16-110732
Between E252 and Water at Beta	—	12/10/15	WS	Turbidity	0.2	NTU	CAWA-16-106922
Between E252 and Water at Beta	—	07/24/15	WG	Turbidity	9.7	NTU	CAWA-15-101757
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
Bulldog Spring	—	03/30/16	WG	Dissolved Oxygen	8.48	mg/L	CAPA-16-110846
Bulldog Spring	—	07/16/15	WG	Dissolved Oxygen	8.1	mg/L	CAPA-15-100897
Bulldog Spring	—	01/16/15	WG	Dissolved Oxygen	8.99	mg/L	CAPA-15-91481
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	—	03/30/16	WG	Flow (in gpm)	58.35	gpm	CAPA-16-110846
Bulldog Spring	—	07/16/15	WG	Flow (in gpm)	5.72	gpm	CAPA-15-100897
Bulldog Spring	—	01/16/15	WG	Flow (in gpm)	2.02	gpm	CAPA-15-91481
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	—	03/30/16	WG	pH	6.28	SU	CAPA-16-110846
Bulldog Spring	—	07/16/15	WG	pH	7.78	SU	CAPA-15-100897
Bulldog Spring	—	01/16/15	WG	pH	7.76	SU	CAPA-15-91481
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	—	03/30/16	WG	Specific Conductance	226	µS/cm	CAPA-16-110846
Bulldog Spring	—	07/16/15	WG	Specific Conductance	263	µS/cm	CAPA-15-100897
Bulldog Spring	—	01/16/15	WG	Specific Conductance	232	µS/cm	CAPA-15-91481
Bulldog Spring	—	08/13/14	WG	Specific Conductance	283	µS/cm	CAPA-14-84558

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Bulldog Spring	—	03/06/14	WG	Specific Conductance	204	µS/cm	CAPA-14-54776
Bulldog Spring	—	03/30/16	WG	Temperature	8.83	deg C	CAPA-16-110846
Bulldog Spring	—	07/16/15	WG	Temperature	13	deg C	CAPA-15-100897
Bulldog Spring	—	01/16/15	WG	Temperature	8.57	deg C	CAPA-15-91481
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	—	03/30/16	WG	Turbidity	12.7	NTU	CAPA-16-110846
Bulldog Spring	—	07/16/15	WG	Turbidity	22	NTU	CAPA-15-100897
Bulldog Spring	—	01/16/15	WG	Turbidity	18.8	NTU	CAPA-15-91481
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
Burning Ground Spring	—	03/25/16	WG	Dissolved Oxygen	8.01	mg/L	CAWA-16-110733
Burning Ground Spring	—	12/12/15	WG	Dissolved Oxygen	8.35	mg/L	CAWA-16-106923
Burning Ground Spring	—	07/22/15	WG	Dissolved Oxygen	7.77	mg/L	CAWA-15-101758
Burning Ground Spring	—	01/27/15	WG	Dissolved Oxygen	8.63	mg/L	CAWA-15-91323
Burning Ground Spring	—	08/08/14	WG	Dissolved Oxygen	7.48	mg/L	CAWA-14-84587
Burning Ground Spring	—	03/25/16	WG	Flow (in gpm)	9.35	gpm	CAWA-16-110733
Burning Ground Spring	—	12/12/15	WG	Flow (in gpm)	5.31	gpm	CAWA-16-106923
Burning Ground Spring	—	07/22/15	WG	Flow (in gpm)	12.48	gpm	CAWA-15-101758
Burning Ground Spring	—	01/27/15	WG	Flow (in gpm)	3.96	gpm	CAWA-15-91323
Burning Ground Spring	—	08/08/14	WG	Flow (in gpm)	5.9	gpm	CAWA-14-84587
Burning Ground Spring	—	03/25/16	WG	pH	7.52	SU	CAWA-16-110733
Burning Ground Spring	—	12/12/15	WG	pH	7.36	SU	CAWA-16-106923
Burning Ground Spring	—	07/22/15	WG	pH	7.06	SU	CAWA-15-101758
Burning Ground Spring	—	01/27/15	WG	pH	7.59	SU	CAWA-15-91323
Burning Ground Spring	—	08/08/14	WG	pH	7.77	SU	CAWA-14-84587
Burning Ground Spring	—	03/25/16	WG	Specific Conductance	207	µS/cm	CAWA-16-110733
Burning Ground Spring	—	12/12/15	WG	Specific Conductance	204	µS/cm	CAWA-16-106923

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Burning Ground Spring	—	07/22/15	WG	Specific Conductance	246	µS/cm	CAWA-15-101758
Burning Ground Spring	—	01/27/15	WG	Specific Conductance	251	µS/cm	CAWA-15-91323
Burning Ground Spring	—	08/08/14	WG	Specific Conductance	239	µS/cm	CAWA-14-84587
Burning Ground Spring	—	03/25/16	WG	Temperature	10.73	deg C	CAWA-16-110733
Burning Ground Spring	—	12/12/15	WG	Temperature	9.04	deg C	CAWA-16-106923
Burning Ground Spring	—	07/22/15	WG	Temperature	16.22	deg C	CAWA-15-101758
Burning Ground Spring	—	01/27/15	WG	Temperature	4.99	deg C	CAWA-15-91323
Burning Ground Spring	—	08/08/14	WG	Temperature	13.36	deg C	CAWA-14-84587
Burning Ground Spring	—	03/25/16	WG	Turbidity	10.1	NTU	CAWA-16-110733
Burning Ground Spring	—	12/12/15	WG	Turbidity	9.7	NTU	CAWA-16-106923
Burning Ground Spring	—	07/22/15	WG	Turbidity	32.5	NTU	CAWA-15-101758
Burning Ground Spring	—	01/27/15	WG	Turbidity	1.19	NTU	CAWA-15-91323
Burning Ground Spring	—	08/08/14	WG	Turbidity	5.5	NTU	CAWA-14-84587
Canon de Valle below MDA P	—	03/28/16	WS	Dissolved Oxygen	9.12	mg/L	CAWA-16-110734
Canon de Valle below MDA P	—	12/11/15	WS	Dissolved Oxygen	9.66	mg/L	CAWA-16-106924
Canon de Valle below MDA P	—	07/17/15	WS	Dissolved Oxygen	5.8	mg/L	CAWA-15-101759
Canon de Valle below MDA P	—	07/17/15	WS	Dissolved Oxygen	5.8	mg/L	CAWA-15-100830
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	—	03/28/16	WS	Flow (in gpm)	14.8	gpm	CAWA-16-110734
Canon de Valle below MDA P	—	12/11/15	WS	Flow (in gpm)	4.55	gpm	CAWA-16-106924
Canon de Valle below MDA P	—	07/17/15	WS	Flow (in gpm)	17.06	gpm	CAWA-15-101759
Canon de Valle below MDA P	—	07/17/15	WS	Flow (in gpm)	17.06	gpm	CAWA-15-100830
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	—	03/28/16	WS	pH	8.22	SU	CAWA-16-110734
Canon de Valle below MDA P	—	12/11/15	WS	pH	7.4	SU	CAWA-16-106924
Canon de Valle below MDA P	—	07/17/15	WS	pH	7.35	SU	CAWA-15-101759

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Canon de Valle below MDA P	—	07/17/15	WS	pH	7.35	SU	CAWA-15-100830
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	—	03/28/16	WS	Specific Conductance	247	µS/cm	CAWA-16-110734
Canon de Valle below MDA P	—	12/11/15	WS	Specific Conductance	232	µS/cm	CAWA-16-106924
Canon de Valle below MDA P	—	07/17/15	WS	Specific Conductance	305	µS/cm	CAWA-15-101759
Canon de Valle below MDA P	—	07/17/15	WS	Specific Conductance	305	µS/cm	CAWA-15-100830
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	—	03/28/16	WS	Temperature	8.84	deg C	CAWA-16-110734
Canon de Valle below MDA P	—	12/11/15	WS	Temperature	2.46	deg C	CAWA-16-106924
Canon de Valle below MDA P	—	07/17/15	WS	Temperature	19.31	deg C	CAWA-15-101759
Canon de Valle below MDA P	—	07/17/15	WS	Temperature	19.31	deg C	CAWA-15-100830
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	—	03/28/16	WS	Turbidity	5.6	NTU	CAWA-16-110734
Canon de Valle below MDA P	—	12/11/15	WS	Turbidity	6.8	NTU	CAWA-16-106924
Canon de Valle below MDA P	—	07/17/15	WS	Turbidity	5.4	NTU	CAWA-15-101759
Canon de Valle below MDA P	—	07/17/15	WS	Turbidity	5.4	NTU	CAWA-15-100830
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
CDV-16-02656	3	03/25/16	WG	Dissolved Oxygen	4.84	mg/L	CAWA-16-110735
CDV-16-02656	3	12/12/15	WG	Dissolved Oxygen	5.11	mg/L	CAWA-16-106925
CDV-16-02656	3	07/23/15	WG	Dissolved Oxygen	3.17	mg/L	CAWA-15-100831
CDV-16-02656	3	01/28/15	WG	Dissolved Oxygen	7.66	mg/L	CAWA-15-91325
CDV-16-02656	3	08/06/14	WG	Dissolved Oxygen	2.51	mg/L	CAWA-14-84589
CDV-16-02656	3	03/25/16	WG	Flow (in gpm)	0.11	gpm	CAWA-16-110735
CDV-16-02656	3	12/12/15	WG	Flow (in gpm)	0.1	gpm	CAWA-16-106925

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02656	3	07/23/15	WG	Flow (in gpm)	0.14	gpm	CAWA-15-100831
CDV-16-02656	3	01/28/15	WG	Flow (in gpm)	0.05	gpm	CAWA-15-91325
CDV-16-02656	3	08/06/14	WG	Flow (in gpm)	0.05	gpm	CAWA-14-84589
CDV-16-02656	3	03/25/16	WG	Oxidation-Reduction Potential	367.3	mV	CAWA-16-110735
CDV-16-02656	3	12/12/15	WG	Oxidation-Reduction Potential	171.5	mV	CAWA-16-106925
CDV-16-02656	3	07/23/15	WG	Oxidation-Reduction Potential	242.4	mV	CAWA-15-100831
CDV-16-02656	3	01/28/15	WG	Oxidation-Reduction Potential	213	mV	CAWA-15-91325
CDV-16-02656	3	08/06/14	WG	Oxidation-Reduction Potential	171.9	mV	CAWA-14-84589
CDV-16-02656	3	03/25/16	WG	pH	5.69	SU	CAWA-16-110735
CDV-16-02656	3	12/12/15	WG	pH	5.79	SU	CAWA-16-106925
CDV-16-02656	3	07/23/15	WG	pH	4.52	SU	CAWA-15-100831
CDV-16-02656	3	01/28/15	WG	pH	6.51	SU	CAWA-15-91325
CDV-16-02656	3	08/06/14	WG	pH	6.29	SU	CAWA-14-84589
CDV-16-02656	3	03/25/16	WG	Specific Conductance	216	µS/cm	CAWA-16-110735
CDV-16-02656	3	12/12/15	WG	Specific Conductance	184	µS/cm	CAWA-16-106925
CDV-16-02656	3	07/23/15	WG	Specific Conductance	205	µS/cm	CAWA-15-100831
CDV-16-02656	3	01/28/15	WG	Specific Conductance	263	µS/cm	CAWA-15-91325
CDV-16-02656	3	08/06/14	WG	Specific Conductance	255	µS/cm	CAWA-14-84589
CDV-16-02656	3	03/25/16	WG	Temperature	5.33	deg C	CAWA-16-110735
CDV-16-02656	3	12/12/15	WG	Temperature	5.49	deg C	CAWA-16-106925
CDV-16-02656	3	07/23/15	WG	Temperature	14.13	deg C	CAWA-15-100831
CDV-16-02656	3	01/28/15	WG	Temperature	5.47	deg C	CAWA-15-91325
CDV-16-02656	3	08/06/14	WG	Temperature	14.54	deg C	CAWA-14-84589
CDV-16-02656	3	03/25/16	WG	Turbidity	7.3	NTU	CAWA-16-110735
CDV-16-02656	3	12/12/15	WG	Turbidity	9.54	NTU	CAWA-16-106925
CDV-16-02656	3	07/23/15	WG	Turbidity	16.1	NTU	CAWA-15-100831
CDV-16-02656	3	01/28/15	WG	Turbidity	12	NTU	CAWA-15-91325
CDV-16-02656	3	08/06/14	WG	Turbidity	7	NTU	CAWA-14-84589

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02659	1.7	03/14/16	WG	Dissolved Oxygen	3.89	mg/L	CAWA-16-110736
CDV-16-02659	1.7	12/16/15	WG	Dissolved Oxygen	6.11	mg/L	CAWA-16-106926
CDV-16-02659	1.7	07/20/15	WG	Dissolved Oxygen	3.61	mg/L	CAWA-15-101761
CDV-16-02659	1.7	07/20/15	WG	Dissolved Oxygen	3.61	mg/L	CAWA-15-100832
CDV-16-02659	1.7	01/27/15	WG	Dissolved Oxygen	8.03	mg/L	CAWA-15-91326
CDV-16-02659	1.7	08/05/14	WG	Dissolved Oxygen	4.45	mg/L	CAWA-14-84590
CDV-16-02659	1.7	03/14/16	WG	Flow (in gpm)	0.07	gpm	CAWA-16-110736
CDV-16-02659	1.7	12/16/15	WG	Flow (in gpm)	0.066	gpm	CAWA-16-106926
CDV-16-02659	1.7	07/20/15	WG	Flow (in gpm)	0.066	gpm	CAWA-15-101761
CDV-16-02659	1.7	07/20/15	WG	Flow (in gpm)	0.066	gpm	CAWA-15-100832
CDV-16-02659	1.7	01/27/15	WG	Flow (in gpm)	0.05	gpm	CAWA-15-91326
CDV-16-02659	1.7	08/05/14	WG	Flow (in gpm)	0.07	gpm	CAWA-14-84590
CDV-16-02659	1.7	03/14/16	WG	Oxidation-Reduction Potential	242.9	mV	CAWA-16-110736
CDV-16-02659	1.7	12/16/15	WG	Oxidation-Reduction Potential	154.9	mV	CAWA-16-106926
CDV-16-02659	1.7	07/20/15	WG	Oxidation-Reduction Potential	171.6	mV	CAWA-15-101761
CDV-16-02659	1.7	07/20/15	WG	Oxidation-Reduction Potential	171.6	mV	CAWA-15-100832
CDV-16-02659	1.7	01/27/15	WG	Oxidation-Reduction Potential	293.1	mV	CAWA-15-91326
CDV-16-02659	1.7	08/05/14	WG	Oxidation-Reduction Potential	182.9	mV	CAWA-14-84590
CDV-16-02659	1.7	03/14/16	WG	pH	5.05	SU	CAWA-16-110736
CDV-16-02659	1.7	12/16/15	WG	pH	6.64	SU	CAWA-16-106926
CDV-16-02659	1.7	07/20/15	WG	pH	6.44	SU	CAWA-15-101761
CDV-16-02659	1.7	07/20/15	WG	pH	6.44	SU	CAWA-15-100832
CDV-16-02659	1.7	01/27/15	WG	pH	4.65	SU	CAWA-15-91326
CDV-16-02659	1.7	08/05/14	WG	pH	6.47	SU	CAWA-14-84590
CDV-16-02659	1.7	03/14/16	WG	Specific Conductance	296	µS/cm	CAWA-16-110736
CDV-16-02659	1.7	12/16/15	WG	Specific Conductance	231	µS/cm	CAWA-16-106926
CDV-16-02659	1.7	07/20/15	WG	Specific Conductance	314	µS/cm	CAWA-15-101761
CDV-16-02659	1.7	07/20/15	WG	Specific Conductance	314	µS/cm	CAWA-15-100832

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02659	1.7	01/27/15	WG	Specific Conductance	260	µS/cm	CAWA-15-91326
CDV-16-02659	1.7	08/05/14	WG	Specific Conductance	353	µS/cm	CAWA-14-84590
CDV-16-02659	1.7	03/14/16	WG	Temperature	5.17	deg C	CAWA-16-110736
CDV-16-02659	1.7	12/16/15	WG	Temperature	6.95	deg C	CAWA-16-106926
CDV-16-02659	1.7	07/20/15	WG	Temperature	12.26	deg C	CAWA-15-101761
CDV-16-02659	1.7	07/20/15	WG	Temperature	12.26	deg C	CAWA-15-100832
CDV-16-02659	1.7	01/27/15	WG	Temperature	6.13	deg C	CAWA-15-91326
CDV-16-02659	1.7	08/05/14	WG	Temperature	12	deg C	CAWA-14-84590
CDV-16-02659	1.7	03/14/16	WG	Turbidity	1.32	NTU	CAWA-16-110736
CDV-16-02659	1.7	12/16/15	WG	Turbidity	7.7	NTU	CAWA-16-106926
CDV-16-02659	1.7	07/20/15	WG	Turbidity	4.3	NTU	CAWA-15-101761
CDV-16-02659	1.7	07/20/15	WG	Turbidity	4.3	NTU	CAWA-15-100832
CDV-16-02659	1.7	01/27/15	WG	Turbidity	2.88	NTU	CAWA-15-91326
CDV-16-02659	1.7	08/05/14	WG	Turbidity	0.91	NTU	CAWA-14-84590
CdV-16-1(i)	624	03/24/16	WG	Dissolved Oxygen	8.5	mg/L	CAWA-16-110737
CdV-16-1(i)	624	11/13/15	WG	Dissolved Oxygen	5.49	mg/L	CAWA-16-106927
CdV-16-1(i)	624	07/27/15	WG	Dissolved Oxygen	5.5	mg/L	CAWA-15-100833
CdV-16-1(i)	624	05/07/15	WG	Dissolved Oxygen	6	mg/L	CAWA-15-95848
CdV-16-1(i)	624	08/20/14	WG	Dissolved Oxygen	5.7	mg/L	CAWA-14-84591
CdV-16-1(i)	624	03/24/16	WG	Flow (in gpm)	1.31	gpm	CAWA-16-110737
CdV-16-1(i)	624	11/13/15	WG	Flow (in gpm)	1.39	gpm	CAWA-16-106927
CdV-16-1(i)	624	07/27/15	WG	Flow (in gpm)	1.02	gpm	CAWA-15-100833
CdV-16-1(i)	624	05/07/15	WG	Flow (in gpm)	1.03	gpm	CAWA-15-95848
CdV-16-1(i)	624	08/20/14	WG	Flow (in gpm)	1.1	gpm	CAWA-14-84591
CdV-16-1(i)	624	03/24/16	WG	Oxidation-Reduction Potential	255.2	mV	CAWA-16-110737
CdV-16-1(i)	624	11/13/15	WG	Oxidation-Reduction Potential	151.5	mV	CAWA-16-106927
CdV-16-1(i)	624	07/27/15	WG	Oxidation-Reduction Potential	191.5	mV	CAWA-15-100833
CdV-16-1(i)	624	05/07/15	WG	Oxidation-Reduction Potential	217.4	mV	CAWA-15-95848

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	624	08/20/14	WG	Oxidation-Reduction Potential	184	mV	CAWA-14-84591
CdV-16-1(i)	624	03/24/16	WG	pH	6.86	SU	CAWA-16-110737
CdV-16-1(i)	624	11/13/15	WG	pH	6.69	SU	CAWA-16-106927
CdV-16-1(i)	624	07/27/15	WG	pH	6.43	SU	CAWA-15-100833
CdV-16-1(i)	624	05/07/15	WG	pH	6.29	SU	CAWA-15-95848
CdV-16-1(i)	624	08/20/14	WG	pH	6.64	SU	CAWA-14-84591
CdV-16-1(i)	624	03/24/16	WG	Specific Conductance	213	µS/cm	CAWA-16-110737
CdV-16-1(i)	624	11/13/15	WG	Specific Conductance	169	µS/cm	CAWA-16-106927
CdV-16-1(i)	624	07/27/15	WG	Specific Conductance	169	µS/cm	CAWA-15-100833
CdV-16-1(i)	624	05/07/15	WG	Specific Conductance	176	µS/cm	CAWA-15-95848
CdV-16-1(i)	624	08/20/14	WG	Specific Conductance	167	µS/cm	CAWA-14-84591
CdV-16-1(i)	624	03/24/16	WG	Temperature	11.42	deg C	CAWA-16-110737
CdV-16-1(i)	624	11/13/15	WG	Temperature	11.49	deg C	CAWA-16-106927
CdV-16-1(i)	624	07/27/15	WG	Temperature	13.23	deg C	CAWA-15-100833
CdV-16-1(i)	624	05/07/15	WG	Temperature	12.38	deg C	CAWA-15-95848
CdV-16-1(i)	624	08/20/14	WG	Temperature	13.98	deg C	CAWA-14-84591
CdV-16-1(i)	624	03/24/16	WG	Turbidity	23.1	NTU	CAWA-16-110737
CdV-16-1(i)	624	11/13/15	WG	Turbidity	0.83	NTU	CAWA-16-106927
CdV-16-1(i)	624	07/27/15	WG	Turbidity	2.4	NTU	CAWA-15-100833
CdV-16-1(i)	624	05/07/15	WG	Turbidity	1.8	NTU	CAWA-15-95848
CdV-16-1(i)	624	08/20/14	WG	Turbidity	3.5	NTU	CAWA-14-84591
CdV-16-2(i)r	850	03/30/16	WG	Dissolved Oxygen	6.88	mg/L	CAWA-16-110738
CdV-16-2(i)r	850	12/07/15	WG	Dissolved Oxygen	6.52	mg/L	CAWA-16-106928
CdV-16-2(i)r	850	07/17/15	WG	Dissolved Oxygen	6.8	mg/L	CAWA-15-100834
CdV-16-2(i)r	850	01/14/15	WG	Dissolved Oxygen	6.88	mg/L	CAWA-15-91328
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	03/30/16	WG	Flow (in gpm)	3	gpm	CAWA-16-110738
CdV-16-2(i)r	850	12/07/15	WG	Flow (in gpm)	2.85	gpm	CAWA-16-106928

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-2(i)r	850	07/17/15	WG	Flow (in gpm)	2.91	gpm	CAWA-15-100834
CdV-16-2(i)r	850	01/14/15	WG	Flow (in gpm)	2.72	gpm	CAWA-15-91328
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	03/30/16	WG	Oxidation-Reduction Potential	122.6	mV	CAWA-16-110738
CdV-16-2(i)r	850	12/07/15	WG	Oxidation-Reduction Potential	179.6	mV	CAWA-16-106928
CdV-16-2(i)r	850	07/17/15	WG	Oxidation-Reduction Potential	152.3	mV	CAWA-15-100834
CdV-16-2(i)r	850	01/14/15	WG	Oxidation-Reduction Potential	260.9	mV	CAWA-15-91328
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	03/30/16	WG	pH	7.12	SU	CAWA-16-110738
CdV-16-2(i)r	850	12/07/15	WG	pH	6.91	SU	CAWA-16-106928
CdV-16-2(i)r	850	07/17/15	WG	pH	6.86	SU	CAWA-15-100834
CdV-16-2(i)r	850	01/14/15	WG	pH	6.42	SU	CAWA-15-91328
CdV-16-2(i)r	850	08/18/14	WG	pH	7.12	SU	CAWA-14-84592
CdV-16-2(i)r	850	03/30/16	WG	Specific Conductance	128	µS/cm	CAWA-16-110738
CdV-16-2(i)r	850	12/07/15	WG	Specific Conductance	127	µS/cm	CAWA-16-106928
CdV-16-2(i)r	850	07/17/15	WG	Specific Conductance	124	µS/cm	CAWA-15-100834
CdV-16-2(i)r	850	01/14/15	WG	Specific Conductance	125	µS/cm	CAWA-15-91328
CdV-16-2(i)r	850	08/18/14	WG	Specific Conductance	121	µS/cm	CAWA-14-84592
CdV-16-2(i)r	850	03/30/16	WG	Temperature	11.34	deg C	CAWA-16-110738
CdV-16-2(i)r	850	12/07/15	WG	Temperature	11.99	deg C	CAWA-16-106928
CdV-16-2(i)r	850	07/17/15	WG	Temperature	13.19	deg C	CAWA-15-100834
CdV-16-2(i)r	850	01/14/15	WG	Temperature	12.1	deg C	CAWA-15-91328
CdV-16-2(i)r	850	08/18/14	WG	Temperature	13.02	deg C	CAWA-14-84592
CdV-16-2(i)r	850	03/30/16	WG	Turbidity	0.58	NTU	CAWA-16-110738
CdV-16-2(i)r	850	12/07/15	WG	Turbidity	0.4	NTU	CAWA-16-106928
CdV-16-2(i)r	850	07/17/15	WG	Turbidity	0.8	NTU	CAWA-15-100834
CdV-16-2(i)r	850	01/14/15	WG	Turbidity	0.81	NTU	CAWA-15-91328
CdV-16-2(i)r	850	08/18/14	WG	Turbidity	1.2	NTU	CAWA-14-84592

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-4ip S1	815.6	03/14/16	WG	Dissolved Oxygen	6.86	mg/L	CAWA-16-110739
CDV-16-4ip S1	815.6	12/07/15	WG	Dissolved Oxygen	7.02	mg/L	CAWA-16-106929
CDV-16-4ip S1	815.6	07/17/15	WG	Dissolved Oxygen	7.07	mg/L	CAWA-15-100835
CDV-16-4ip S1	815.6	01/15/15	WG	Dissolved Oxygen	7.54	mg/L	CAWA-15-91329
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	03/14/16	WG	Flow (in gpm)	1.94	gpm	CAWA-16-110739
CDV-16-4ip S1	815.6	12/07/15	WG	Flow (in gpm)	1.79	gpm	CAWA-16-106929
CDV-16-4ip S1	815.6	07/17/15	WG	Flow (in gpm)	1.76	gpm	CAWA-15-100835
CDV-16-4ip S1	815.6	01/15/15	WG	Flow (in gpm)	1.89	gpm	CAWA-15-91329
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	03/14/16	WG	Oxidation-Reduction Potential	285.5	mV	CAWA-16-110739
CDV-16-4ip S1	815.6	12/07/15	WG	Oxidation-Reduction Potential	177.8	mV	CAWA-16-106929
CDV-16-4ip S1	815.6	07/17/15	WG	Oxidation-Reduction Potential	141.6	mV	CAWA-15-100835
CDV-16-4ip S1	815.6	01/15/15	WG	Oxidation-Reduction Potential	143.4	mV	CAWA-15-91329
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	03/14/16	WG	pH	6.89	SU	CAWA-16-110739
CDV-16-4ip S1	815.6	12/07/15	WG	pH	6.83	SU	CAWA-16-106929
CDV-16-4ip S1	815.6	07/17/15	WG	pH	7.09	SU	CAWA-15-100835
CDV-16-4ip S1	815.6	01/15/15	WG	pH	6.8	SU	CAWA-15-91329
CDV-16-4ip S1	815.6	08/19/14	WG	pH	7.08	SU	CAWA-14-84593
CDV-16-4ip S1	815.6	03/14/16	WG	Specific Conductance	126	µS/cm	CAWA-16-110739
CDV-16-4ip S1	815.6	12/07/15	WG	Specific Conductance	127	µS/cm	CAWA-16-106929
CDV-16-4ip S1	815.6	07/17/15	WG	Specific Conductance	134	µS/cm	CAWA-15-100835
CDV-16-4ip S1	815.6	01/15/15	WG	Specific Conductance	124	µS/cm	CAWA-15-91329
CDV-16-4ip S1	815.6	08/19/14	WG	Specific Conductance	121	µS/cm	CAWA-14-84593
CDV-16-4ip S1	815.6	03/14/16	WG	Temperature	13.33	deg C	CAWA-16-110739
CDV-16-4ip S1	815.6	12/07/15	WG	Temperature	12.49	deg C	CAWA-16-106929
CDV-16-4ip S1	815.6	07/17/15	WG	Temperature	17.85	deg C	CAWA-15-100835

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-4ip S1	815.6	01/15/15	WG	Temperature	12.04	deg C	CAWA-15-91329
CDV-16-4ip S1	815.6	08/19/14	WG	Temperature	12.53	deg C	CAWA-14-84593
CDV-16-4ip S1	815.6	03/14/16	WG	Turbidity	0.9	NTU	CAWA-16-110739
CDV-16-4ip S1	815.6	12/07/15	WG	Turbidity	0.8	NTU	CAWA-16-106929
CDV-16-4ip S1	815.6	07/17/15	WG	Turbidity	1.7	NTU	CAWA-15-100835
CDV-16-4ip S1	815.6	01/15/15	WG	Turbidity	1.89	NTU	CAWA-15-91329
CDV-16-4ip S1	815.6	08/19/14	WG	Turbidity	1.1	NTU	CAWA-14-84593
CDV-16-611923	3.2	03/28/16	WG	Dissolved Oxygen	2.67	mg/L	CAWA-16-110740
CDV-16-611923	3.2	12/11/15	WG	Dissolved Oxygen	0.9	mg/L	CAWA-16-106930
CDV-16-611923	3.2	07/22/15	WG	Dissolved Oxygen	0.88	mg/L	CAWA-15-101765
CDV-16-611923	3.2	01/29/15	WG	Dissolved Oxygen	2.49	mg/L	CAWA-15-91330
CDV-16-611923	3.2	08/12/14	WG	Dissolved Oxygen	0.51	mg/L	CAWA-14-84594
CDV-16-611923	3.2	03/28/16	WG	Flow (in gpm)	0.16	gpm	CAWA-16-110740
CDV-16-611923	3.2	12/11/15	WG	Flow (in gpm)	0.16	gpm	CAWA-16-106930
CDV-16-611923	3.2	07/22/15	WG	Flow (in gpm)	0.15	gpm	CAWA-15-101765
CDV-16-611923	3.2	01/29/15	WG	Flow (in gpm)	0.15	gpm	CAWA-15-91330
CDV-16-611923	3.2	08/12/14	WG	Flow (in gpm)	0.16	gpm	CAWA-14-84594
CDV-16-611923	3.2	03/28/16	WG	Oxidation-Reduction Potential	-20.4	mV	CAWA-16-110740
CDV-16-611923	3.2	12/11/15	WG	Oxidation-Reduction Potential	-21.5	mV	CAWA-16-106930
CDV-16-611923	3.2	07/22/15	WG	Oxidation-Reduction Potential	171	mV	CAWA-15-101765
CDV-16-611923	3.2	01/29/15	WG	Oxidation-Reduction Potential	209	mV	CAWA-15-91330
CDV-16-611923	3.2	08/12/14	WG	Oxidation-Reduction Potential	30.1	mV	CAWA-14-84594
CDV-16-611923	3.2	03/28/16	WG	pH	6.78	SU	CAWA-16-110740
CDV-16-611923	3.2	12/11/15	WG	pH	6.35	SU	CAWA-16-106930
CDV-16-611923	3.2	07/22/15	WG	pH	5.2	SU	CAWA-15-101765
CDV-16-611923	3.2	01/29/15	WG	pH	4.39	SU	CAWA-15-91330
CDV-16-611923	3.2	08/12/14	WG	pH	6.26	SU	CAWA-14-84594
CDV-16-611923	3.2	03/28/16	WG	Specific Conductance	264	µS/cm	CAWA-16-110740

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-611923	3.2	12/11/15	WG	Specific Conductance	282	µS/cm	CAWA-16-106930
CDV-16-611923	3.2	07/22/15	WG	Specific Conductance	357	µS/cm	CAWA-15-101765
CDV-16-611923	3.2	01/29/15	WG	Specific Conductance	251	µS/cm	CAWA-15-91330
CDV-16-611923	3.2	08/12/14	WG	Specific Conductance	394	µS/cm	CAWA-14-84594
CDV-16-611923	3.2	03/28/16	WG	Temperature	6.47	deg C	CAWA-16-110740
CDV-16-611923	3.2	12/11/15	WG	Temperature	8.63	deg C	CAWA-16-106930
CDV-16-611923	3.2	07/22/15	WG	Temperature	13.14	deg C	CAWA-15-101765
CDV-16-611923	3.2	01/29/15	WG	Temperature	6.09	deg C	CAWA-15-91330
CDV-16-611923	3.2	08/12/14	WG	Temperature	12.56	deg C	CAWA-14-84594
CDV-16-611923	3.2	03/28/16	WG	Turbidity	3.6	NTU	CAWA-16-110740
CDV-16-611923	3.2	12/11/15	WG	Turbidity	5.19	NTU	CAWA-16-106930
CDV-16-611923	3.2	07/22/15	WG	Turbidity	11.8	NTU	CAWA-15-101765
CDV-16-611923	3.2	01/29/15	WG	Turbidity	22.3	NTU	CAWA-15-91330
CDV-16-611923	3.2	08/12/14	WG	Turbidity	0.5	NTU	CAWA-14-84594
CDV-37-1(i)	632	03/18/16	WG	Dissolved Oxygen	8.07	mg/L	CAWA-16-110741
CDV-37-1(i)	632	02/06/15	WG	Dissolved Oxygen	7.88	mg/L	CAWA-15-91331
CDV-37-1(i)	632	03/07/14	WG	Dissolved Oxygen	7.63	mg/L	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Dissolved Oxygen	7.83	mg/L	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	Dissolved Oxygen	7.84	mg/L	CAWA-12-1966
CDV-37-1(i)	632	03/18/16	WG	Flow (in gpm)	2.5	gpm	CAWA-16-110741
CDV-37-1(i)	632	02/06/15	WG	Flow (in gpm)	2.86	gpm	CAWA-15-91331
CDV-37-1(i)	632	03/07/14	WG	Flow (in gpm)	2.85	gpm	CAWA-14-54741
CDV-37-1(i)	632	01/24/12	WG	Flow (in gpm)	2.42	gpm	CAWA-12-1966
CDV-37-1(i)	632	06/20/11	WG	Flow (in gpm)	2.3	gpm	CAWA-11-14062
CDV-37-1(i)	632	03/18/16	WG	Oxidation-Reduction Potential	119.1	mV	CAWA-16-110741
CDV-37-1(i)	632	02/06/15	WG	Oxidation-Reduction Potential	331.2	mV	CAWA-15-91331
CDV-37-1(i)	632	03/07/14	WG	Oxidation-Reduction Potential	-1.4	mV	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Oxidation-Reduction Potential	22.8	mV	CAWA-13-28829

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-37-1(i)	632	01/24/12	WG	Oxidation-Reduction Potential	38.7	mV	CAWA-12-1966
CDV-37-1(i)	632	03/18/16	WG	pH	7.06	SU	CAWA-16-110741
CDV-37-1(i)	632	02/06/15	WG	pH	6.48	SU	CAWA-15-91331
CDV-37-1(i)	632	03/07/14	WG	pH	7.14	SU	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	pH	7.17	SU	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	pH	7.07	SU	CAWA-12-1966
CDV-37-1(i)	632	03/18/16	WG	Specific Conductance	88.2	µS/cm	CAWA-16-110741
CDV-37-1(i)	632	02/06/15	WG	Specific Conductance	113	µS/cm	CAWA-15-91331
CDV-37-1(i)	632	03/07/14	WG	Specific Conductance	116	µS/cm	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Specific Conductance	112	µS/cm	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	Specific Conductance	116	µS/cm	CAWA-12-1966
CDV-37-1(i)	632	03/18/16	WG	Temperature	13.53	deg C	CAWA-16-110741
CDV-37-1(i)	632	02/06/15	WG	Temperature	13.5	deg C	CAWA-15-91331
CDV-37-1(i)	632	03/07/14	WG	Temperature	13.61	deg C	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Temperature	13.05	deg C	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	Temperature	12.37	deg C	CAWA-12-1966
CDV-37-1(i)	632	03/18/16	WG	Turbidity	2.92	NTU	CAWA-16-110741
CDV-37-1(i)	632	02/06/15	WG	Turbidity	2	NTU	CAWA-15-91331
CDV-37-1(i)	632	03/07/14	WG	Turbidity	1.7	NTU	CAWA-14-54741
CDV-37-1(i)	632	03/22/13	WG	Turbidity	2.5	NTU	CAWA-13-28829
CDV-37-1(i)	632	01/24/12	WG	Turbidity	3.19	NTU	CAWA-12-1966
CDV-9-1(i) S1	937.4	03/17/16	WG	Dissolved Oxygen	5.44	mg/L	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Dissolved Oxygen	5.72	mg/L	CAWA-15-101766
CDV-9-1(i) S1	937.4	05/21/15	WG	Dissolved Oxygen	5.29	mg/L	CAWA-15-95849
CDV-9-1(i) S1	937.4	03/17/16	WG	Flow (in gpm)	2.83	gpm	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Flow (in gpm)	2.17	gpm	CAWA-15-101766
CDV-9-1(i) S1	937.4	05/21/15	WG	Flow (in gpm)	2.2	gpm	CAWA-15-95849
CDV-9-1(i) S1	937.4	03/17/16	WG	Oxidation-Reduction Potential	277.2	mV	CAWA-16-110742

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-9-1(i) S1	937.4	07/15/15	WG	Oxidation-Reduction Potential	84.9	mV	CAWA-15-101766
CDV-9-1(i) S1	937.4	05/21/15	WG	Oxidation-Reduction Potential	115.7	mV	CAWA-15-95849
CDV-9-1(i) S1	937.4	03/17/16	WG	pH	6.76	SU	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	pH	7.05	SU	CAWA-15-101766
CDV-9-1(i) S1	937.4	05/21/15	WG	pH	7.02	SU	CAWA-15-95849
CDV-9-1(i) S1	937.4	03/17/16	WG	Specific Conductance	205	µS/cm	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Specific Conductance	187	µS/cm	CAWA-15-101766
CDV-9-1(i) S1	937.4	05/21/15	WG	Specific Conductance	170	µS/cm	CAWA-15-95849
CDV-9-1(i) S1	937.4	03/17/16	WG	Temperature	13.24	deg C	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Temperature	13.45	deg C	CAWA-15-101766
CDV-9-1(i) S1	937.4	05/21/15	WG	Temperature	12.76	deg C	CAWA-15-95849
CDV-9-1(i) S1	937.4	03/17/16	WG	Turbidity	1.6	NTU	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Turbidity	3.9	NTU	CAWA-15-101766
CDV-9-1(i) S1	937.4	05/21/15	WG	Turbidity	7.8	NTU	CAWA-15-95849
CdV-R-15-3 S4	1235.1	03/17/16	WG	Dissolved Oxygen	6.93	mg/L	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Dissolved Oxygen	6.61	mg/L	CAWA-15-100838
CdV-R-15-3 S4	1235.1	01/20/15	WG	Dissolved Oxygen	6.78	mg/L	CAWA-15-91333
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	03/17/16	WG	Flow (in gpm)	6.25	gpm	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Flow (in gpm)	6.67	gpm	CAWA-15-100838
CdV-R-15-3 S4	1235.1	01/20/15	WG	Flow (in gpm)	5.76	gpm	CAWA-15-91333
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	03/17/16	WG	Oxidation-Reduction Potential	253	mV	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Oxidation-Reduction Potential	123	mV	CAWA-15-100838
CdV-R-15-3 S4	1235.1	01/20/15	WG	Oxidation-Reduction Potential	99.3	mV	CAWA-15-91333
CdV-R-15-3 S4	1235.1	08/11/14	WG	Oxidation-Reduction Potential	44.8	mV	CAWA-14-84595

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	03/17/16	WG	pH	8.04	SU	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	pH	8.15	SU	CAWA-15-100838
CdV-R-15-3 S4	1235.1	01/20/15	WG	pH	8.18	SU	CAWA-15-91333
CdV-R-15-3 S4	1235.1	08/11/14	WG	pH	7.92	SU	CAWA-14-84595
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	03/17/16	WG	Specific Conductance	105.7	µS/cm	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Specific Conductance	132	µS/cm	CAWA-15-100838
CdV-R-15-3 S4	1235.1	01/20/15	WG	Specific Conductance	126	µS/cm	CAWA-15-91333
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	03/17/16	WG	Temperature	16.35	deg C	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Temperature	16.8	deg C	CAWA-15-100838
CdV-R-15-3 S4	1235.1	01/20/15	WG	Temperature	15.97	deg C	CAWA-15-91333
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	03/17/16	WG	Turbidity	2.02	NTU	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Turbidity	2.52	NTU	CAWA-15-100838
CdV-R-15-3 S4	1235.1	01/20/15	WG	Turbidity	2.84	NTU	CAWA-15-91333
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
Martin Spring	—	03/28/16	WG	Dissolved Oxygen	7.88	mg/L	CAWA-16-110746
Martin Spring	—	12/01/15	WG	Dissolved Oxygen	7.84	mg/L	CAWA-16-106933
Martin Spring	—	07/23/15	WG	Dissolved Oxygen	6.5	mg/L	CAWA-15-100841
Martin Spring	—	01/27/15	WG	Dissolved Oxygen	7.62	mg/L	CAWA-15-91336
Martin Spring	—	08/13/14	WG	Dissolved Oxygen	6	mg/L	CAWA-14-84598
Martin Spring	—	03/28/16	WG	Flow (in gpm)	1.11	gpm	CAWA-16-110746
Martin Spring	—	12/01/15	WG	Flow (in gpm)	1.27	gpm	CAWA-16-106933

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Martin Spring	—	07/23/15	WG	Flow (in gpm)	4.99	gpm	CAWA-15-100841
Martin Spring	—	01/27/15	WG	Flow (in gpm)	2.02	gpm	CAWA-15-91336
Martin Spring	—	08/13/14	WG	Flow (in gpm)	1.6	gpm	CAWA-14-84598
Martin Spring	—	03/28/16	WG	pH	7.27	SU	CAWA-16-110746
Martin Spring	—	12/01/15	WG	pH	7.2	SU	CAWA-16-106933
Martin Spring	—	07/23/15	WG	pH	7.28	SU	CAWA-15-100841
Martin Spring	—	01/27/15	WG	pH	7.08	SU	CAWA-15-91336
Martin Spring	—	08/13/14	WG	pH	6.74	SU	CAWA-14-84598
Martin Spring	—	03/28/16	WG	Specific Conductance	356	µS/cm	CAWA-16-110746
Martin Spring	—	12/01/15	WG	Specific Conductance	317	µS/cm	CAWA-16-106933
Martin Spring	—	07/23/15	WG	Specific Conductance	283	µS/cm	CAWA-15-100841
Martin Spring	—	01/27/15	WG	Specific Conductance	408	µS/cm	CAWA-15-91336
Martin Spring	—	08/13/14	WG	Specific Conductance	299	µS/cm	CAWA-14-84598
Martin Spring	—	03/28/16	WG	Temperature	10.35	deg C	CAWA-16-110746
Martin Spring	—	12/01/15	WG	Temperature	10.36	deg C	CAWA-16-106933
Martin Spring	—	07/23/15	WG	Temperature	16.92	deg C	CAWA-15-100841
Martin Spring	—	01/27/15	WG	Temperature	11.05	deg C	CAWA-15-91336
Martin Spring	—	08/13/14	WG	Temperature	16.97	deg C	CAWA-14-84598
Martin Spring	—	03/28/16	WG	Turbidity	6.3	NTU	CAWA-16-110746
Martin Spring	—	12/01/15	WG	Turbidity	14	NTU	CAWA-16-106933
Martin Spring	—	07/23/15	WG	Turbidity	78	NTU	CAWA-15-100841
Martin Spring	—	01/27/15	WG	Turbidity	3.23	NTU	CAWA-15-91336
Martin Spring	—	08/13/14	WG	Turbidity	39.2	NTU	CAWA-14-84598
MSC-16-06293	2	03/16/16	WG	Dissolved Oxygen	2.2	mg/L	CAWA-16-110747
MSC-16-06293	2	12/11/15	WG	Dissolved Oxygen	3.59	mg/L	CAWA-16-106934
MSC-16-06293	2	09/22/11	WG	Dissolved Oxygen	2.24	mg/L	CAWA-11-27088
MSC-16-06293	2	04/07/10	WG	Dissolved Oxygen	1.87	mg/L	CAWA-10-15108
MSC-16-06293	2	04/09/09	WG	Dissolved Oxygen	0.91	mg/L	CAWA-09-5591

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MSC-16-06293	2	03/16/16	WG	Flow (in gpm)	0.07	gpm	CAWA-16-110747
MSC-16-06293	2	12/11/15	WG	Flow (in gpm)	0.07	gpm	CAWA-16-106934
MSC-16-06293	2	09/22/11	WG	Flow (in gpm)	0.04	gpm	CAWA-11-27088
MSC-16-06293	2	04/07/10	WG	Flow (in gpm)	0.12	gpm	CAWA-10-15108
MSC-16-06293	2	04/09/09	WG	Flow (in gpm)	0.13	gpm	CAWA-09-5591
MSC-16-06293	2	03/16/16	WG	Oxidation-Reduction Potential	199.8	mV	CAWA-16-110747
MSC-16-06293	2	12/11/15	WG	Oxidation-Reduction Potential	66	mV	CAWA-16-106934
MSC-16-06293	2	09/22/11	WG	Oxidation-Reduction Potential	-97.9	mV	CAWA-11-27088
MSC-16-06293	2	04/07/10	WG	Oxidation-Reduction Potential	215.8	mV	CAWA-10-15108
MSC-16-06293	2	04/09/09	WG	Oxidation-Reduction Potential	327.5	mV	CAWA-09-5591
MSC-16-06293	2	03/16/16	WG	pH	6.75	SU	CAWA-16-110747
MSC-16-06293	2	12/11/15	WG	pH	6.42	SU	CAWA-16-106934
MSC-16-06293	2	09/22/11	WG	pH	6.75	SU	CAWA-11-27088
MSC-16-06293	2	04/07/10	WG	pH	5.95	SU	CAWA-10-15108
MSC-16-06293	2	04/09/09	WG	pH	5.87	SU	CAWA-09-5591
MSC-16-06293	2	03/16/16	WG	Specific Conductance	279	µS/cm	CAWA-16-110747
MSC-16-06293	2	12/11/15	WG	Specific Conductance	434	µS/cm	CAWA-16-106934
MSC-16-06293	2	09/22/11	WG	Specific Conductance	593	µS/cm	CAWA-11-27088
MSC-16-06293	2	04/07/10	WG	Specific Conductance	402	µS/cm	CAWA-10-15108
MSC-16-06293	2	04/09/09	WG	Specific Conductance	183	µS/cm	CAWA-09-5591
MSC-16-06293	2	03/16/16	WG	Temperature	6.38	deg C	CAWA-16-110747
MSC-16-06293	2	12/11/15	WG	Temperature	8.92	deg C	CAWA-16-106934
MSC-16-06293	2	09/22/11	WG	Temperature	13.61	deg C	CAWA-11-27088
MSC-16-06293	2	04/07/10	WG	Temperature	4.86	deg C	CAWA-10-15108
MSC-16-06293	2	04/09/09	WG	Temperature	6.07	deg C	CAWA-09-5591
MSC-16-06293	2	03/16/16	WG	Turbidity	14.86	NTU	CAWA-16-110747
MSC-16-06293	2	09/22/11	WG	Turbidity	4.99	NTU	CAWA-11-27088
MSC-16-06293	2	04/07/10	WG	Turbidity	11.9	NTU	CAWA-10-15108

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MSC-16-06293	2	04/09/09	WG	Turbidity	32.8	NTU	CAWA-09-5591
MSC-16-06293	2	04/02/08	WG	Turbidity	52.5	NTU	CAWA-08-11624
MSC-16-06294	2.5	03/16/16	WG	Dissolved Oxygen	1.17	mg/L	CAWA-16-110748
MSC-16-06294	2.5	12/10/15	WG	Dissolved Oxygen	1.81	mg/L	CAWA-16-106935
MSC-16-06294	2.5	09/20/11	WG	Dissolved Oxygen	0.99	mg/L	CAWA-11-27089
MSC-16-06294	2.5	03/30/11	WG	Dissolved Oxygen	1.8	mg/L	CAWA-11-5462
MSC-16-06294	2.5	04/08/10	WG	Dissolved Oxygen	0.76	mg/L	CAWA-10-15057
MSC-16-06294	2.5	03/16/16	WG	Flow (in gpm)	0.11	gpm	CAWA-16-110748
MSC-16-06294	2.5	12/10/15	WG	Flow (in gpm)	0.07	gpm	CAWA-16-106935
MSC-16-06294	2.5	09/20/11	WG	Flow (in gpm)	0.12	gpm	CAWA-11-27089
MSC-16-06294	2.5	03/30/11	WG	Flow (in gpm)	0.11	gpm	CAWA-11-5462
MSC-16-06294	2.5	04/08/10	WG	Flow (in gpm)	0.14	gpm	CAWA-10-15057
MSC-16-06294	2.5	03/16/16	WG	Oxidation-Reduction Potential	229.6	mV	CAWA-16-110748
MSC-16-06294	2.5	12/10/15	WG	Oxidation-Reduction Potential	111.9	mV	CAWA-16-106935
MSC-16-06294	2.5	09/20/11	WG	Oxidation-Reduction Potential	-22.5	mV	CAWA-11-27089
MSC-16-06294	2.5	03/30/11	WG	Oxidation-Reduction Potential	-129.8	mV	CAWA-11-5462
MSC-16-06294	2.5	04/08/10	WG	Oxidation-Reduction Potential	320	mV	CAWA-10-15057
MSC-16-06294	2.5	03/16/16	WG	pH	6.39	SU	CAWA-16-110748
MSC-16-06294	2.5	12/10/15	WG	pH	6.02	SU	CAWA-16-106935
MSC-16-06294	2.5	09/20/11	WG	pH	5.7	SU	CAWA-11-27089
MSC-16-06294	2.5	03/30/11	WG	pH	5.49	SU	CAWA-11-5462
MSC-16-06294	2.5	04/08/10	WG	pH	5	SU	CAWA-10-15057
MSC-16-06294	2.5	03/16/16	WG	Specific Conductance	127.8	µS/cm	CAWA-16-110748
MSC-16-06294	2.5	12/10/15	WG	Specific Conductance	227	µS/cm	CAWA-16-106935
MSC-16-06294	2.5	09/20/11	WG	Specific Conductance	260	µS/cm	CAWA-11-27089
MSC-16-06294	2.5	03/30/11	WG	Specific Conductance	199	µS/cm	CAWA-11-5462
MSC-16-06294	2.5	04/08/10	WG	Specific Conductance	164	µS/cm	CAWA-10-15057
MSC-16-06294	2.5	03/16/16	WG	Temperature	7.17	deg C	CAWA-16-110748

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MSC-16-06294	2.5	12/10/15	WG	Temperature	6.01	deg C	CAWA-16-106935
MSC-16-06294	2.5	09/20/11	WG	Temperature	14.3	deg C	CAWA-11-27089
MSC-16-06294	2.5	03/30/11	WG	Temperature	4.48	deg C	CAWA-11-5462
MSC-16-06294	2.5	04/08/10	WG	Temperature	5.15	deg C	CAWA-10-15057
MSC-16-06294	2.5	03/16/16	WG	Turbidity	42.88	NTU	CAWA-16-110748
MSC-16-06294	2.5	12/10/15	WG	Turbidity	14	NTU	CAWA-16-106935
MSC-16-06294	2.5	09/20/11	WG	Turbidity	9.07	NTU	CAWA-11-27089
MSC-16-06294	2.5	03/30/11	WG	Turbidity	70.6	NTU	CAWA-11-5462
MSC-16-06294	2.5	04/08/10	WG	Turbidity	84.9	NTU	CAWA-10-15057
R-18	1358	03/15/16	WG	Dissolved Oxygen	6.15	mg/L	CAPA-16-110847
R-18	1358	12/09/15	WG	Dissolved Oxygen	5.69	mg/L	CAPA-16-106966
R-18	1358	07/29/15	WG	Dissolved Oxygen	5.29	mg/L	CAPA-15-101779
R-18	1358	05/19/15	WG	Dissolved Oxygen	5.76	mg/L	CAPA-15-95858
R-18	1358	01/23/15	WG	Dissolved Oxygen	5.64	mg/L	CAPA-15-91482
R-18	1358	03/15/16	WG	Flow (in gpm)	6.52	gpm	CAPA-16-110847
R-18	1358	12/09/15	WG	Flow (in gpm)	6.61	gpm	CAPA-16-106966
R-18	1358	07/29/15	WG	Flow (in gpm)	6.67	gpm	CAPA-15-101779
R-18	1358	05/19/15	WG	Flow (in gpm)	6.5	gpm	CAPA-15-95858
R-18	1358	01/23/15	WG	Flow (in gpm)	6.52	gpm	CAPA-15-91482
R-18	1358	03/15/16	WG	Oxidation-Reduction Potential	200.5	mV	CAPA-16-110847
R-18	1358	12/09/15	WG	Oxidation-Reduction Potential	122.6	mV	CAPA-16-106966
R-18	1358	07/29/15	WG	Oxidation-Reduction Potential	114.7	mV	CAPA-15-101779
R-18	1358	05/19/15	WG	Oxidation-Reduction Potential	144.8	mV	CAPA-15-95858
R-18	1358	01/23/15	WG	Oxidation-Reduction Potential	152.5	mV	CAPA-15-91482
R-18	1358	03/15/16	WG	pH	7.69	SU	CAPA-16-110847
R-18	1358	12/09/15	WG	pH	7.52	SU	CAPA-16-106966
R-18	1358	07/29/15	WG	pH	7.63	SU	CAPA-15-101779
R-18	1358	05/19/15	WG	pH	7.75	SU	CAPA-15-95858

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-18	1358	01/23/15	WG	pH	7.7	SU	CAPA-15-91482
R-18	1358	03/15/16	WG	Specific Conductance	115	µS/cm	CAPA-16-110847
R-18	1358	12/09/15	WG	Specific Conductance	116	µS/cm	CAPA-16-106966
R-18	1358	07/29/15	WG	Specific Conductance	114	µS/cm	CAPA-15-101779
R-18	1358	05/19/15	WG	Specific Conductance	114	µS/cm	CAPA-15-95858
R-18	1358	01/23/15	WG	Specific Conductance	114	µS/cm	CAPA-15-91482
R-18	1358	03/15/16	WG	Temperature	13.9	deg C	CAPA-16-110847
R-18	1358	12/09/15	WG	Temperature	15.59	deg C	CAPA-16-106966
R-18	1358	07/29/15	WG	Temperature	15.95	deg C	CAPA-15-101779
R-18	1358	05/19/15	WG	Temperature	15.92	deg C	CAPA-15-95858
R-18	1358	01/23/15	WG	Temperature	15.45	deg C	CAPA-15-91482
R-18	1358	03/15/16	WG	Turbidity	1.1	NTU	CAPA-16-110847
R-18	1358	12/09/15	WG	Turbidity	0.38	NTU	CAPA-16-106966
R-18	1358	07/29/15	WG	Turbidity	0.6	NTU	CAPA-15-101779
R-18	1358	05/19/15	WG	Turbidity	0.29	NTU	CAPA-15-95858
R-18	1358	01/23/15	WG	Turbidity	0.49	NTU	CAPA-15-91482
R-25b	750	03/16/16	WG	Dissolved Oxygen	10.19	mg/L	CAWA-16-110749
R-25b	750	07/28/15	WG	Dissolved Oxygen	6.26	mg/L	CAWA-15-100842
R-25b	750	01/23/15	WG	Dissolved Oxygen	6.23	mg/L	CAWA-15-91338
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	03/16/16	WG	Flow (in gpm)	0.25	gpm	CAWA-16-110749
R-25b	750	07/28/15	WG	Flow (in gpm)	0.38	gpm	CAWA-15-100842
R-25b	750	01/23/15	WG	Flow (in gpm)	0.48	gpm	CAWA-15-91338
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	03/16/16	WG	Oxidation-Reduction Potential	278.5	mV	CAWA-16-110749
R-25b	750	07/28/15	WG	Oxidation-Reduction Potential	70.7	mV	CAWA-15-100842

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25b	750	01/23/15	WG	Oxidation-Reduction Potential	275	mV	CAWA-15-91338
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	03/16/16	WG	pH	7.44	SU	CAWA-16-110749
R-25b	750	07/28/15	WG	pH	7.04	SU	CAWA-15-100842
R-25b	750	01/23/15	WG	pH	6.74	SU	CAWA-15-91338
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	03/16/16	WG	Specific Conductance	1063	µS/cm	CAWA-16-110749
R-25b	750	07/28/15	WG	Specific Conductance	131	µS/cm	CAWA-15-100842
R-25b	750	01/23/15	WG	Specific Conductance	128	µS/cm	CAWA-15-91338
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	03/16/16	WG	Temperature	9.93	deg C	CAWA-16-110749
R-25b	750	07/28/15	WG	Temperature	13.6	deg C	CAWA-15-100842
R-25b	750	01/23/15	WG	Temperature	9.19	deg C	CAWA-15-91338
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	03/16/16	WG	Turbidity	112.3	NTU	CAWA-16-110749
R-25b	750	07/28/15	WG	Turbidity	2.4	NTU	CAWA-15-100842
R-25b	750	01/23/15	WG	Turbidity	2.51	NTU	CAWA-15-91338
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-26 PZ-2	150	03/24/16	WG	Dissolved Oxygen	7.69	mg/L	CAWA-16-110750
R-26 PZ-2	150	12/03/15	WG	Dissolved Oxygen	7.77	mg/L	CAWA-16-106936
R-26 PZ-2	150	07/21/15	WG	Dissolved Oxygen	7.13	mg/L	CAWA-15-100843
R-26 PZ-2	150	01/20/15	WG	Dissolved Oxygen	6.11	mg/L	CAWA-15-91339
R-26 PZ-2	150	08/12/14	WG	Dissolved Oxygen	7.51	mg/L	CAWA-14-84600

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26 PZ-2	150	03/24/16	WG	Oxidation-Reduction Potential	121.1	mV	CAWA-16-110750
R-26 PZ-2	150	12/03/15	WG	Oxidation-Reduction Potential	125.2	mV	CAWA-16-106936
R-26 PZ-2	150	07/21/15	WG	Oxidation-Reduction Potential	102.7	mV	CAWA-15-100843
R-26 PZ-2	150	01/20/15	WG	Oxidation-Reduction Potential	-13.2	mV	CAWA-15-91339
R-26 PZ-2	150	08/12/14	WG	Oxidation-Reduction Potential	102.8	mV	CAWA-14-84600
R-26 PZ-2	150	03/24/16	WG	pH	7.17	SU	CAWA-16-110750
R-26 PZ-2	150	12/03/15	WG	pH	7.27	SU	CAWA-16-106936
R-26 PZ-2	150	07/21/15	WG	pH	7.18	SU	CAWA-15-100843
R-26 PZ-2	150	01/20/15	WG	pH	7.21	SU	CAWA-15-91339
R-26 PZ-2	150	08/12/14	WG	pH	7.22	SU	CAWA-14-84600
R-26 PZ-2	150	03/24/16	WG	Specific Conductance	240	µS/cm	CAWA-16-110750
R-26 PZ-2	150	12/03/15	WG	Specific Conductance	272	µS/cm	CAWA-16-106936
R-26 PZ-2	150	07/21/15	WG	Specific Conductance	251	µS/cm	CAWA-15-100843
R-26 PZ-2	150	01/20/15	WG	Specific Conductance	2.38	µS/cm	CAWA-15-91339
R-26 PZ-2	150	08/12/14	WG	Specific Conductance	240	µS/cm	CAWA-14-84600
R-26 PZ-2	150	03/24/16	WG	Temperature	11.78	deg C	CAWA-16-110750
R-26 PZ-2	150	12/03/15	WG	Temperature	10.12	deg C	CAWA-16-106936
R-26 PZ-2	150	07/21/15	WG	Temperature	14.46	deg C	CAWA-15-100843
R-26 PZ-2	150	01/20/15	WG	Temperature	12.35	deg C	CAWA-15-91339
R-26 PZ-2	150	08/12/14	WG	Temperature	14.62	deg C	CAWA-14-84600
R-26 PZ-2	150	03/24/16	WG	Turbidity	730.7	NTU	CAWA-16-110750
R-26 PZ-2	150	01/20/15	WG	Turbidity	1000	NTU	CAWA-15-91339
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 S1	651.8	03/23/16	WG	Dissolved Oxygen	6.7	mg/L	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Dissolved Oxygen	6.75	mg/L	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Dissolved Oxygen	6.75	mg/L	CAWA-14-54749

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26 S1	651.8	03/15/13	WG	Dissolved Oxygen	6.93	mg/L	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Dissolved Oxygen	7.02	mg/L	CAWA-12-17553
R-26 S1	651.8	03/23/16	WG	Flow (in gpm)	4	gpm	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Flow (in gpm)	3.5	gpm	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Flow (in gpm)	4	gpm	CAWA-14-54749
R-26 S1	651.8	01/26/12	WG	Flow (in gpm)	3.9	gpm	CAWA-12-2013
R-26 S1	651.8	12/09/11	WG	Flow (in gpm)	4	gpm	CAWA-12-1760
R-26 S1	651.8	03/23/16	WG	Oxidation-Reduction Potential	263.9	mV	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Oxidation-Reduction Potential	153.2	mV	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Oxidation-Reduction Potential	144.4	mV	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	Oxidation-Reduction Potential	85	mV	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Oxidation-Reduction Potential	101.5	mV	CAWA-12-17553
R-26 S1	651.8	03/23/16	WG	pH	6.79	SU	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	pH	6.66	SU	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	pH	7.3	SU	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	pH	7.33	SU	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	pH	7.43	SU	CAWA-12-17553
R-26 S1	651.8	03/23/16	WG	Specific Conductance	109	µS/cm	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Specific Conductance	102	µS/cm	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Specific Conductance	102	µS/cm	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	Specific Conductance	101	µS/cm	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Specific Conductance	101	µS/cm	CAWA-12-17553
R-26 S1	651.8	03/23/16	WG	Temperature	14.9	deg C	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Temperature	15.16	deg C	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Temperature	15.53	deg C	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	Temperature	15.92	deg C	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Temperature	16.24	deg C	CAWA-12-17553
R-26 S1	651.8	03/23/16	WG	Turbidity	0.4	NTU	CAWA-16-110751

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26 S1	651.8	01/21/15	WG	Turbidity	1.07	NTU	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Turbidity	0.8	NTU	CAWA-14-54749
R-26 S1	651.8	03/15/13	WG	Turbidity	1.2	NTU	CAWA-13-28841
R-26 S1	651.8	07/26/12	WG	Turbidity	1.07	NTU	CAWA-12-17553
R-47	1322	03/21/16	WG	Dissolved Oxygen	6.56	mg/L	CAWA-16-110754
R-47	1322	12/14/15	WG	Dissolved Oxygen	6.84	mg/L	CAWA-16-106937
R-47	1322	07/29/15	WG	Dissolved Oxygen	6.65	mg/L	CAWA-15-101773
R-47	1322	05/18/15	WG	Dissolved Oxygen	6.65	mg/L	CAWA-15-95851
R-47	1322	01/15/15	WG	Dissolved Oxygen	7.03	mg/L	CAWA-15-91343
R-47	1322	03/21/16	WG	Flow (in gpm)	3.75	gpm	CAWA-16-110754
R-47	1322	12/14/15	WG	Flow (in gpm)	3.8	gpm	CAWA-16-106937
R-47	1322	07/29/15	WG	Flow (in gpm)	4.12	gpm	CAWA-15-101773
R-47	1322	05/18/15	WG	Flow (in gpm)	3.65	gpm	CAWA-15-95851
R-47	1322	01/15/15	WG	Flow (in gpm)	3.79	gpm	CAWA-15-91343
R-47	1322	03/21/16	WG	Oxidation-Reduction Potential	268.5	mV	CAWA-16-110754
R-47	1322	12/14/15	WG	Oxidation-Reduction Potential	96.3	mV	CAWA-16-106937
R-47	1322	07/29/15	WG	Oxidation-Reduction Potential	112.4	mV	CAWA-15-101773
R-47	1322	05/18/15	WG	Oxidation-Reduction Potential	63.7	mV	CAWA-15-95851
R-47	1322	01/15/15	WG	Oxidation-Reduction Potential	-139.8	mV	CAWA-15-91343
R-47	1322	03/21/16	WG	pH	6.71	SU	CAWA-16-110754
R-47	1322	12/14/15	WG	pH	7.19	SU	CAWA-16-106937
R-47	1322	07/29/15	WG	pH	7.23	SU	CAWA-15-101773
R-47	1322	05/18/15	WG	pH	7.3	SU	CAWA-15-95851
R-47	1322	01/15/15	WG	pH	7.4	SU	CAWA-15-91343
R-47	1322	03/21/16	WG	Specific Conductance	118	µS/cm	CAWA-16-110754
R-47	1322	12/14/15	WG	Specific Conductance	112	µS/cm	CAWA-16-106937
R-47	1322	07/29/15	WG	Specific Conductance	112	µS/cm	CAWA-15-101773
R-47	1322	05/18/15	WG	Specific Conductance	113	µS/cm	CAWA-15-95851

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-47	1322	01/15/15	WG	Specific Conductance	113	µS/cm	CAWA-15-91343
R-47	1322	03/21/16	WG	Temperature	14.02	deg C	CAWA-16-110754
R-47	1322	12/14/15	WG	Temperature	13.78	deg C	CAWA-16-106937
R-47	1322	07/29/15	WG	Temperature	14.52	deg C	CAWA-15-101773
R-47	1322	05/18/15	WG	Temperature	15.44	deg C	CAWA-15-95851
R-47	1322	01/15/15	WG	Temperature	14.21	deg C	CAWA-15-91343
R-47	1322	03/21/16	WG	Turbidity	1.7	NTU	CAWA-16-110754
R-47	1322	12/14/15	WG	Turbidity	4.1	NTU	CAWA-16-106937
R-47	1322	07/29/15	WG	Turbidity	3.4	NTU	CAWA-15-101773
R-47	1322	05/18/15	WG	Turbidity	8.9	NTU	CAWA-15-95851
R-47	1322	01/15/15	WG	Turbidity	5.6	NTU	CAWA-15-91343
R-48	1500	03/22/16	WG	Dissolved Oxygen	8.66	mg/L	CAWA-16-110756
R-48	1500	01/26/15	WG	Dissolved Oxygen	6.78	mg/L	CAWA-15-91345
R-48	1500	03/04/14	WG	Dissolved Oxygen	7.77	mg/L	CAWA-14-54751
R-48	1500	03/20/13	WG	Dissolved Oxygen	7.11	mg/L	CAWA-13-28843
R-48	1500	01/18/12	WG	Dissolved Oxygen	7.44	mg/L	CAWA-12-2000
R-48	1500	03/22/16	WG	Flow (in gpm)	6	gpm	CAWA-16-110756
R-48	1500	01/26/15	WG	Flow (in gpm)	6.38	gpm	CAWA-15-91345
R-48	1500	03/04/14	WG	Flow (in gpm)	6.25	gpm	CAWA-14-54751
R-48	1500	01/18/12	WG	Flow (in gpm)	4.9	gpm	CAWA-12-2000
R-48	1500	09/13/11	WG	Flow (in gpm)	5.6	gpm	CAWA-11-26900
R-48	1500	09/13/11	WG	Flow (in gpm)	5.6	gpm	CAWA-11-26902
R-48	1500	09/13/11	WG	Flow (in gpm)	5.6	gpm	CAWA-11-27181
R-48	1500	09/13/11	WG	Flow (in gpm)	5.6	gpm	CAWA-11-26904
R-48	1500	03/22/16	WG	Oxidation-Reduction Potential	230.6	mV	CAWA-16-110756
R-48	1500	01/26/15	WG	Oxidation-Reduction Potential	193.7	mV	CAWA-15-91345
R-48	1500	03/04/14	WG	Oxidation-Reduction Potential	173	mV	CAWA-14-54751
R-48	1500	03/20/13	WG	Oxidation-Reduction Potential	194.4	mV	CAWA-13-28843

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-48	1500	01/18/12	WG	Oxidation-Reduction Potential	199.5	mV	CAWA-12-2000
R-48	1500	03/22/16	WG	pH	8.13	SU	CAWA-16-110756
R-48	1500	01/26/15	WG	pH	7.62	SU	CAWA-15-91345
R-48	1500	03/04/14	WG	pH	8.01	SU	CAWA-14-54751
R-48	1500	03/20/13	WG	pH	8.15	SU	CAWA-13-28843
R-48	1500	01/18/12	WG	pH	8.31	SU	CAWA-12-2000
R-48	1500	03/22/16	WG	Specific Conductance	128	µS/cm	CAWA-16-110756
R-48	1500	01/26/15	WG	Specific Conductance	121	µS/cm	CAWA-15-91345
R-48	1500	03/04/14	WG	Specific Conductance	126	µS/cm	CAWA-14-54751
R-48	1500	03/20/13	WG	Specific Conductance	121	µS/cm	CAWA-13-28843
R-48	1500	01/18/12	WG	Specific Conductance	129	µS/cm	CAWA-12-2000
R-48	1500	03/22/16	WG	Temperature	19.87	deg C	CAWA-16-110756
R-48	1500	01/26/15	WG	Temperature	20.1	deg C	CAWA-15-91345
R-48	1500	03/04/14	WG	Temperature	19.81	deg C	CAWA-14-54751
R-48	1500	03/20/13	WG	Temperature	19.34	deg C	CAWA-13-28843
R-48	1500	01/18/12	WG	Temperature	19.98	deg C	CAWA-12-2000
R-48	1500	03/22/16	WG	Turbidity	9.71	NTU	CAWA-16-110756
R-48	1500	01/26/15	WG	Turbidity	4.1	NTU	CAWA-15-91345
R-48	1500	03/04/14	WG	Turbidity	3.2	NTU	CAWA-14-54751
R-48	1500	03/20/13	WG	Turbidity	2.7	NTU	CAWA-13-28843
R-48	1500	01/18/12	WG	Turbidity	3.45	NTU	CAWA-12-2000
R-58	1257	03/21/16	WG	Dissolved Oxygen	5.87	mg/L	CAWA-16-110757
R-58	1257	03/21/16	WG	Flow (in gpm)	4.41	gpm	CAWA-16-110757
R-58	1257	03/21/16	WG	Oxidation-Reduction Potential	214.5	mV	CAWA-16-110757
R-58	1257	03/21/16	WG	pH	8.11	SU	CAWA-16-110757
R-58	1257	03/21/16	WG	Specific Conductance	132.2	µS/cm	CAWA-16-110757
R-58	1257	03/21/16	WG	Temperature	20.33	deg C	CAWA-16-110757
R-58	1257	03/21/16	WG	Turbidity	4.75	NTU	CAWA-16-110757

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-63	1325	03/29/16	WG	Dissolved Oxygen	5.82	mg/L	CAWA-16-110758
R-63	1325	07/16/15	WG	Dissolved Oxygen	6.04	mg/L	CAWA-15-101774
R-63	1325	01/27/15	WG	Dissolved Oxygen	6.03	mg/L	CAWA-15-92647
R-63	1325	01/16/15	WG	Dissolved Oxygen	5.87	mg/L	CAWA-15-91346
R-63	1325	08/19/14	WG	Dissolved Oxygen	5.69	mg/L	CAWA-14-84601
R-63	1325	03/29/16	WG	Flow (in gpm)	7.69	gpm	CAWA-16-110758
R-63	1325	07/16/15	WG	Flow (in gpm)	7.32	gpm	CAWA-15-101774
R-63	1325	01/27/15	WG	Flow (in gpm)	7.14	gpm	CAWA-15-92647
R-63	1325	01/16/15	WG	Flow (in gpm)	7.14	gpm	CAWA-15-91346
R-63	1325	08/19/14	WG	Flow (in gpm)	6.97	gpm	CAWA-14-84601
R-63	1325	03/29/16	WG	Oxidation-Reduction Potential	7.6	mV	CAWA-16-110758
R-63	1325	07/16/15	WG	Oxidation-Reduction Potential	101.3	mV	CAWA-15-101774
R-63	1325	01/27/15	WG	Oxidation-Reduction Potential	186	mV	CAWA-15-92647
R-63	1325	01/16/15	WG	Oxidation-Reduction Potential	200.9	mV	CAWA-15-91346
R-63	1325	08/19/14	WG	Oxidation-Reduction Potential	126.7	mV	CAWA-14-84601
R-63	1325	03/29/16	WG	pH	7.51	SU	CAWA-16-110758
R-63	1325	07/16/15	WG	pH	7.43	SU	CAWA-15-101774
R-63	1325	01/27/15	WG	pH	7.43	SU	CAWA-15-92647
R-63	1325	01/16/15	WG	pH	6.95	SU	CAWA-15-91346
R-63	1325	08/19/14	WG	pH	7.45	SU	CAWA-14-84601
R-63	1325	03/29/16	WG	Specific Conductance	114	µS/cm	CAWA-16-110758
R-63	1325	07/16/15	WG	Specific Conductance	107	µS/cm	CAWA-15-101774
R-63	1325	01/27/15	WG	Specific Conductance	106	µS/cm	CAWA-15-92647
R-63	1325	01/16/15	WG	Specific Conductance	108	µS/cm	CAWA-15-91346
R-63	1325	08/19/14	WG	Specific Conductance	107	µS/cm	CAWA-14-84601
R-63	1325	03/29/16	WG	Temperature	13.8	deg C	CAWA-16-110758
R-63	1325	07/16/15	WG	Temperature	14.4	deg C	CAWA-15-101774
R-63	1325	01/27/15	WG	Temperature	13.81	deg C	CAWA-15-92647

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-63	1325	01/16/15	WG	Temperature	13.74	deg C	CAWA-15-91346
R-63	1325	08/19/14	WG	Temperature	14.86	deg C	CAWA-14-84601
R-63	1325	03/29/16	WG	Turbidity	0.3	NTU	CAWA-16-110758
R-63	1325	07/16/15	WG	Turbidity	1.97	NTU	CAWA-15-101774
R-63	1325	01/27/15	WG	Turbidity	0.74	NTU	CAWA-15-92647
R-63	1325	01/16/15	WG	Turbidity	0.56	NTU	CAWA-15-91346
R-63	1325	08/19/14	WG	Turbidity	0.68	NTU	CAWA-14-84601
SWSC Spring	—	03/25/16	WG	Dissolved Oxygen	7.28	mg/L	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	Dissolved Oxygen	7.79	mg/L	CAWA-10-25722
SWSC Spring	—	04/09/10	WG	Dissolved Oxygen	7.46	mg/L	CAWA-10-14968
SWSC Spring	—	10/15/09	WG	Dissolved Oxygen	8.31	mg/L	CAWA-09-13702
SWSC Spring	—	03/24/09	WG	Dissolved Oxygen	14.63	mg/L	CAWA-09-5527
SWSC Spring	—	03/25/16	WG	Flow (in gpm)	0.18	gpm	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	Flow (in gpm)	0.3	gpm	CAWA-10-25722
SWSC Spring	—	04/09/10	WG	Flow (in gpm)	1.84	gpm	CAWA-10-14968
SWSC Spring	—	03/24/09	WG	Flow (in gpm)	0.2	gpm	CAWA-09-5527
SWSC Spring	—	10/08/08	WG	Flow (in gpm)	0.1	gpm	CAWA-08-15954
SWSC Spring	—	03/25/16	WG	pH	6.95	SU	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	pH	6.82	SU	CAWA-10-25722
SWSC Spring	—	04/09/10	WG	pH	6.97	SU	CAWA-10-14968
SWSC Spring	—	10/15/09	WG	pH	6.9	SU	CAWA-09-13702
SWSC Spring	—	03/24/09	WG	pH	7.82	SU	CAWA-09-5527
SWSC Spring	—	03/25/16	WG	Specific Conductance	217	µS/cm	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	Specific Conductance	201	µS/cm	CAWA-10-25722
SWSC Spring	—	04/09/10	WG	Specific Conductance	288	µS/cm	CAWA-10-14968
SWSC Spring	—	10/15/09	WG	Specific Conductance	212	µS/cm	CAWA-09-13702
SWSC Spring	—	03/24/09	WG	Specific Conductance	211	µS/cm	CAWA-09-5527
SWSC Spring	—	03/25/16	WG	Temperature	10.59	deg C	CAWA-16-110759

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SWSC Spring	—	09/10/10	WG	Temperature	10.18	deg C	CAWA-10-25722
SWSC Spring	—	04/09/10	WG	Temperature	9.55	deg C	CAWA-10-14968
SWSC Spring	—	10/15/09	WG	Temperature	9.62	deg C	CAWA-09-13702
SWSC Spring	—	03/24/09	WG	Temperature	11.69	deg C	CAWA-09-5527
SWSC Spring	—	03/25/16	WG	Turbidity	13.2	NTU	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	Turbidity	6.95	NTU	CAWA-10-25722
SWSC Spring	—	04/09/10	WG	Turbidity	26.9	NTU	CAWA-10-14968
SWSC Spring	—	10/15/09	WG	Turbidity	20	NTU	CAWA-09-13702
SWSC Spring	—	03/24/09	WG	Turbidity	5.2	NTU	CAWA-09-5527
Water at Beta	—	03/18/16	WS	Dissolved Oxygen	9.48	mg/L	CAWA-16-110760
Water at Beta	—	12/21/15	WS	Dissolved Oxygen	8.11	mg/L	CAWA-16-106939
Water at Beta	—	04/13/11	WS	Dissolved Oxygen	8.7	mg/L	CAWA-11-5398
Water at Beta	—	04/01/10	WS	Dissolved Oxygen	10.08	mg/L	CAWA-10-14944
Water at Beta	—	04/07/09	WS	Dissolved Oxygen	11.08	mg/L	CAWA-09-5517
Water at Beta	—	03/18/16	WS	Flow (in gpm)	120.7	gpm	CAWA-16-110760
Water at Beta	—	12/21/15	WS	Flow (in gpm)	7.63	gpm	CAWA-16-106939
Water at Beta	—	04/13/11	WS	Flow (in gpm)	40.4	gpm	CAWA-11-5398
Water at Beta	—	04/01/10	WS	Flow (in gpm)	1421	gpm	CAWA-10-14944
Water at Beta	—	04/07/09	WS	Flow (in gpm)	60.6	gpm	CAWA-09-5517
Water at Beta	—	03/18/16	WS	pH	7.5	SU	CAWA-16-110760
Water at Beta	—	12/21/15	WS	pH	7.62	SU	CAWA-16-106939
Water at Beta	—	04/13/11	WS	pH	7.02	SU	CAWA-11-5398
Water at Beta	—	04/01/10	WS	pH	6.59	SU	CAWA-10-14944
Water at Beta	—	04/07/09	WS	pH	6.78	SU	CAWA-09-5517
Water at Beta	—	03/18/16	WS	Specific Conductance	95.4	µS/cm	CAWA-16-110760
Water at Beta	—	12/21/15	WS	Specific Conductance	188	µS/cm	CAWA-16-106939
Water at Beta	—	04/13/11	WS	Specific Conductance	143	µS/cm	CAWA-11-5398
Water at Beta	—	04/01/10	WS	Specific Conductance	178	µS/cm	CAWA-10-14944

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Water at Beta	—	04/07/09	WS	Specific Conductance	86	µS/cm	CAWA-09-5517
Water at Beta	—	03/18/16	WS	Temperature	5.83	deg C	CAWA-16-110760
Water at Beta	—	12/21/15	WS	Temperature	3.31	deg C	CAWA-16-106939
Water at Beta	—	04/13/11	WS	Temperature	11.06	deg C	CAWA-11-5398
Water at Beta	—	04/01/10	WS	Temperature	4.93	deg C	CAWA-10-14944
Water at Beta	—	04/07/09	WS	Temperature	3.42	deg C	CAWA-09-5517
Water at Beta	—	03/18/16	WS	Turbidity	6.29	NTU	CAWA-16-110760
Water at Beta	—	12/21/15	WS	Turbidity	6.1	NTU	CAWA-16-106939
Water at Beta	—	04/13/11	WS	Turbidity	40.8	NTU	CAWA-11-5398
Water at Beta	—	04/01/10	WS	Turbidity	21.2	NTU	CAWA-10-14944
Water at Beta	—	04/07/09	WS	Turbidity	13.5	NTU	CAWA-09-5517

[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
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.16	—	—	0.01	SU	Y	H	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	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	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.08	—	—	0.01	SU	Y	H	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.31	—	—	0.01	SU	Y	H	J-	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	0.725	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.9	—	—	0.725	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	—	0.725	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.725	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	0.73	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	227	—	—	68	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	76.3	—	—	68	µg/L	Y	J	J	2015-671	CAWA-15-91349	GELC
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	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	52.5	—	—	1	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.3	—	—	1	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.6	—	—	0.268	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.6	—	—	0.268	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.7	—	—	0.335	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.8	—	—	0.067	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.3	—	—	0.13	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0976	—	—	0.033	mg/L	Y	J	J	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0842	—	—	0.033	mg/L	Y	J	J	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0952	—	—	0.033	mg/L	Y	J	J	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60	—	—	0.453	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.1	—	—	0.453	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.107	—	—	0.0829	µg/L	Y	JQ	J	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	6.19	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-671	CAWA-15-91322	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	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	132	—	—	30	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	34.9	—	—	30	µg/L	Y	J	J	2015-671	CAWA-15-91349	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
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	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.23	—	—	0.11	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.9	—	—	0.11	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	12/02/15	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.212	—	—	0.067	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.2	—	—	0.067	µg/L	Y	U	U	2015-671	CAWA-15-91349	GELC
16-26644	130	08/05/14	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.2	—	—	0.067	µg/L	Y	U	U	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.2	—	—	0.067	µg/L	Y	U	U	2014-4214	CAWA-14-84566	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.2	—	—	0.067	µg/L	Y	U	U	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.2	—	—	0.067	µg/L	Y	U	U	2013-1810	CAWA-13-40717	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.643	—	—	0.165	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.673	—	—	0.165	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.69	—	—	0.5	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.59	—	—	0.5	µg/L	Y	J	J	2015-671	CAWA-15-91349	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	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.787	—	—	0.017	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.697	—	—	0.017	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.855	—	—	0.085	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.849	—	—	0.017	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.93	—	—	0.05	mg/L	Y	—	J	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.453	—	—	0.05	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.433	—	—	0.05	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.431	—	—	0.05	µg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.46	—	—	0.05	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.553	—	—	0.05	µg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.92	—	—	0.05	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.71	—	—	0.05	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.87	—	—	0.0829	µg/L	Y	—	NQ	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	49.3	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	07/20/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	43.8	—	—	0.437	µg/L	N	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.42	—	—	0.0842	µg/L	Y	—	NQ	2015-671	CAWA-15-91322	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	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.8	—	—	0.053	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	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
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.6	—	—	0.053	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	43.8	—	—	0.053	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	49	—	—	0.053	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	47.9	—	—	0.053	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.4	—	—	0.1	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	3.63	µS/cm	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	1	µS/cm	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	93.7	—	—	1	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.4	—	—	1	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.65	—	—	0.133	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.09	—	—	0.133	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.93	—	—	0.133	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.62	—	—	0.133	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.79	—	—	0.1	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0375	—	—	0.033	mg/L	Y	J	J	2016-440	CAWA-16-106921	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.22	—	—	0.033	mg/L	Y	—	J	2015-671	CAWA-15-91322	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-666	CAWA-13-28819	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0442	—	—	0.035	mg/L	Y	J	U	12-585	CAWA-12-1955	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.83	—	—	0.33	mg/L	Y	J	J	2016-440	CAWA-16-106921	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.675	—	—	0.33	mg/L	Y	J	J	2015-671	CAWA-15-91322	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.16	—	—	0.33	mg/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.9	—	—	0.33	mg/L	Y	J	J	2013-666	CAWA-13-28819	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.799	—	—	0.33	mg/L	Y	J	J	12-585	CAWA-12-1955	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0308	—	—	0.017	mg/L	Y	J	J	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0409	—	—	0.017	mg/L	Y	J	J	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.133	—	—	0.017	mg/L	Y	—	U	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0203	—	—	0.017	mg/L	Y	J	J	2013-666	CAWA-13-28845	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0566	—	—	0.015	mg/L	Y	—	U	12-585	CAWA-12-1954	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.182	—	—	0.0829	µg/L	Y	J	J	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	9.31	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-671	CAWA-15-91322	GELC
16-26644	130	08/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.259	—	—	0.0829	µg/L	Y	UH	R	2014-4214	CAWA-14-84586	GELC
16-26644	130	08/05/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.272	—	—	0.087	µg/L	Y	UH	R	2014-4214	CAWA-14-84568	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.152	—	—	0.0889	µg/L	Y	J	J	2014-2943	CAWA-14-54732	GELC

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
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.537	—	—	0.067	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.6	—	—	0.067	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.5	—	—	1	µg/L	Y	J	J	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.95	—	—	1	µg/L	Y	J	J	2015-671	CAWA-15-91349	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
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.68	—	—	3.3	µg/L	Y	J	J	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.44	—	—	3.3	µg/L	Y	J	J	2015-671	CAWA-15-91349	GELC
16-26644	130	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-4214	CAWA-14-84566	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-2943	CAWA-14-54753	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.41	—	—	3.3	µg/L	Y	J	J	2013-1810	CAWA-13-40717	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	0.725	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	—	0.725	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.7	—	—	0.725	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	127	—	—	68	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	464	—	—	68	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	Y	352	—	—	68	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.0902	—	—	0.087	µg/L	Y	J	J	2016-508	CAWA-16-106922	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.179	—	—	0.0904	µg/L	Y	J	J	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.163	—	—	0.0894	µg/L	Y	J	J	2015-1876	CAWA-15-100828	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	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0406	—	—	0.017	mg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.146	—	—	0.017	mg/L	Y	—	J	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.273	—	—	0.017	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.79	—	—	1.7	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.08	—	—	1.7	µg/L	Y	J	J	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.3	—	—	1.7	µg/L	Y	J	J	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-4376	CAWA-14-84622	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
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	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-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	61.4	—	—	1	µg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	77.5	—	—	1	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	75.9	—	—	1	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15	—	—	0.05	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.9	—	—	0.05	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.8	—	—	0.134	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.83	—	—	0.067	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.85	—	—	0.067	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.115	—	—	0.033	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.8	—	—	0.453	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.1	—	—	0.453	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.4	—	—	0.453	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	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	—	12/10/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.17	—	—	0.087	µg/L	Y	J	J	2016-508	CAWA-16-106922	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.0904	—	—	0.0904	µg/L	Y	J	J	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.279	—	—	0.0894	µg/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	70.8	—	—	30	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	245	—	—	30	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	185	—	—	30	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.35	—	—	0.11	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.37	—	—	0.11	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.35	—	—	0.11	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.93	—	—	2	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	8.46	—	—	2	µg/L	Y	J	J	2015-1876	CAWA-15-100850	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
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	7.88	—	—	2	µg/L	Y	J	J	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.165	µg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.165	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0703	—	—	0.05	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.147	—	—	0.05	µg/L	Y	J	J	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.14	—	—	0.05	µg/L	Y	J	J	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0634	—	—	0.05	µg/L	Y	J	J	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.54	—	—	0.05	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.52	—	—	0.05	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	4.5	—	—	0.05	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.4	—	—	0.053	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.2	—	—	0.053	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.4	—	—	0.053	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.2	—	—	0.053	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.6	—	—	0.053	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	160	—	—	3.63	µS/cm	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	3.63	µS/cm	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	3.63	µS/cm	Y	—	NQ	2015-1876	CAWA-15-100850	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.7	—	—	1	µg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.74	—	—	0.133	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.82	—	—	0.133	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.82	—	—	0.133	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	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

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
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.77	—	—	2.5	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	100	—	—	25	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	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	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	—	12/10/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.107	—	—	0.033	mg/L	Y	—	NQ	2016-508	CAWA-16-106922	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.125	—	—	0.033	mg/L	Y	—	NQ	2015-1876	CAWA-15-100828	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.13	—	—	0.033	mg/L	Y	—	NQ	2015-1876	CAWA-15-100801	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	—	12/10/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.22	—	—	0.33	mg/L	Y	—	NQ	2016-508	CAWA-16-106922	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.9	—	—	0.33	mg/L	Y	—	NQ	2015-1876	CAWA-15-100828	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.83	—	—	0.33	mg/L	Y	—	NQ	2015-1876	CAWA-15-100801	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	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0658	—	—	0.017	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0685	—	—	0.017	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0725	—	—	0.017	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0713	—	—	0.017	mg/L	Y	—	U	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.101	—	—	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:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.062	—	—	0.015	mg/L	Y	—	U	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.068	—	—	0.067	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.74	—	—	1	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.04	—	—	1	µg/L	Y	J	J	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.86	—	—	1	µg/L	Y	J	J	2015-1876	CAWA-15-100803	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	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.58	—	—	3.3	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	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	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	11-1890	CAWA-11-5388	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.43	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	2015-734	CAWA-15-91350	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

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
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	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.3	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.725	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70	—	—	0.725	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	289	—	—	68	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	305	—	—	68	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	139	—	—	68	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	150	—	—	68	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2015-734	CAWA-15-91350	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	—	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.171	—	—	0.0851	µg/L	Y	JQ	J	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.461	—	—	0.0856	µg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.353	—	—	0.0847	µg/L	Y	—	J+	2015-734	CAWA-15-91323	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	—	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.0862	—	—	0.0851	µg/L	Y	J	J	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.25	—	—	0.0856	µg/L	Y	J	J	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.275	—	—	0.0847	µg/L	Y	—	NQ	2015-734	CAWA-15-91323	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	178	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	195	—	—	1	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	171	—	—	1	µg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	168	—	—	1	µg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	202	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.9	—	—	15	µg/L	Y	J	J	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.4	—	—	15	µg/L	Y	J	J	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.3	—	—	15	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.4	—	—	15	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.4	—	—	15	µg/L	Y	J	J	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.1	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.3	—	—	0.335	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.9	—	—	0.335	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.143	—	—	0.033	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.2	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.5	—	—	0.453	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	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
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63	—	—	0.453	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77	—	—	0.453	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.914	—	—	0.0851	µg/L	Y	—	NQ	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.32	—	—	0.0856	µg/L	Y	Q	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.77	—	—	0.0847	µg/L	Y	—	NQ	2015-734	CAWA-15-91323	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	127	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	143	—	—	30	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	53.4	—	—	30	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	91.5	—	—	30	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	33	—	—	30	µg/L	Y	J	J	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.13	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.15	—	—	0.11	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.05	—	—	0.11	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.12	—	—	0.11	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.697	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.64	—	—	0.165	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.663	—	—	0.165	µg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.607	—	—	0.165	µg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.905	—	—	0.165	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.17	—	—	0.5	µg/L	Y	J	J	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.2	—	—	0.5	µg/L	Y	J	J	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.25	—	—	0.5	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.16	—	—	0.5	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.621	—	—	0.5	µg/L	Y	J	J	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.76	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.49	—	—	0.017	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.53	—	—	0.085	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.716	—	—	0.05	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.532	—	—	0.05	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.717	—	—	0.05	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.1	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.33	—	—	0.05	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.04	—	—	0.05	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.99	—	—	0.05	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.39	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	10.8	—	—	0.213	µg/L	Y	—	NQ	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	51.1	—	—	1.07	µg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18.8	—	—	0.212	µg/L	Y	—	NQ	2015-734	CAWA-15-91323	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
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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.6	—	—	0.053	mg/L	Y	—	J-	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.2	—	—	0.053	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.7	—	—	0.053	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.9	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	20.6	—	—	0.1	mg/L	Y	E	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	3.63	µS/cm	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	3.63	µS/cm	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	122	—	—	1	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	108	—	—	1	µg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	136	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	136	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.02	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.133	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.04	—	—	0.133	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.115	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.318	—	—	0.033	mg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.196	—	—	0.033	mg/L	Y	—	NQ	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.23	—	—	0.033	mg/L	Y	—	NQ	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.191	—	—	0.033	mg/L	Y	—	J	2015-734	CAWA-15-91323	GELC
Burning Ground Spring	—	08/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.184	—	—	0.033	mg/L	Y	—	U	2014-4295	CAWA-14-84587	GELC
Burning Ground Spring	—	12/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.46	—	—	0.33	mg/L	Y	—	NQ	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.59	—	—	0.33	mg/L	Y	—	J-	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.54	—	—	0.33	mg/L	Y	—	NQ	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.6	—	—	0.33	mg/L	Y	—	NQ	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.963	—	—	0.33	mg/L	Y	J	J	2015-734	CAWA-15-91323	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	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0487	—	—	0.017	mg/L	Y	J	J	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.042	—	—	0.017	mg/L	Y	J	J	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.069	—	—	0.017	mg/L	Y	—	U	2015-734	CAWA-15-91350	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	—	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.178	—	—	0.0851	µg/L	Y	J	J	2016-512	CAWA-16-106923	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
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.507	—	—	0.0856	µg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.562	—	—	0.0847	µg/L	Y	—	NQ	2015-734	CAWA-15-91323	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.335	—	—	0.067	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.307	—	—	0.067	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.269	—	—	0.067	µg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.308	—	—	0.067	µg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.896	—	—	0.067	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.77	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.56	—	—	1	µg/L	Y	J	J	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.26	—	—	1	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.2	—	—	1	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.28	—	—	1	µg/L	Y	J	J	2015-734	CAWA-15-91350	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
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	J-	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J-	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.8	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.7	—	—	0.725	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.1	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	193	—	—	0.73	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.4	—	—	0.73	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.133	—	—	0.0865	µg/L	Y	J	J	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.216	—	—	0.0865	µg/L	Y	J	J	2015-1749	CAWA-15-100830	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	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2730	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.2	—	—	15	µg/L	Y	J	J	2016-512	CAWA-16-106943	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	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.8	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.4	—	—	0.335	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.7	—	—	0.335	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.9	—	—	0.066	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.5	—	—	0.13	mg/L	Y	—	J+	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.23	—	—	0.033	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.172	—	—	0.033	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.6	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	12/11/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.43	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.5	—	—	0.0865	µg/L	Y	—	NQ	2015-1749	CAWA-15-100830	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
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	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.03	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.747	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.936	—	—	0.5	µg/L	Y	J	J	2016-512	CAWA-16-106943	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	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.122	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.441	—	—	0.017	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.263	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	—	—	0.05	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.207	—	—	0.05	µg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.181	—	—	0.05	µg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0628	—	—	0.05	µg/L	Y	J	J	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.123	—	—	0.05	µg/L	Y	J	J+	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.122	—	—	0.05	µg/L	Y	J	J	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.96	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	12/11/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.5	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	8.89	—	—	0.0865	µg/L	Y	B	J	2015-1749	CAWA-15-100830	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	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	32.4	—	—	0.053	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	25.1	—	—	0.053	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	27.9	—	—	0.053	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC

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
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	35.6	—	—	0.053	mg/L	Y	N	J+	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.9	—	—	0.053	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	203	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	1	µS/cm	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	282	—	—	1	µS/cm	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	432	—	—	1	µS/cm	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µS/cm	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	142	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.53	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.78	—	—	0.133	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.56	—	—	0.133	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.7	—	—	0.1	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.04	—	—	0.1	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.55	—	—	2.5	µg/L	Y	J	J	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	200	—	—	50	µg/L	Y	U	U	2014-4295	CAWA-14-84604	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	288	—	—	4.8	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	2.4	mg/L	Y	—	NQ	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.119	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.303	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.49	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.648	—	—	0.035	mg/L	Y	—	J	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.072	—	—	0.033	mg/L	Y	J	J	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	12/11/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.36	—	—	0.33	mg/L	Y	—	NQ	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.15	—	—	0.33	mg/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.31	—	—	0.33	mg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	12.2	—	—	0.66	mg/L	Y	—	NQ	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.21	—	—	0.33	mg/L	Y	—	NQ	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0311	—	—	0.017	mg/L	Y	J	J	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0468	—	—	0.017	mg/L	Y	J	U	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0745	—	—	0.015	mg/L	Y	—	U	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	09/07/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.075	—	—	0.015	mg/L	Y	—	U	10-4477	CAWA-10-25691	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.078	—	—	0.067	µg/L	Y	J	J	2016-512	CAWA-16-106943	GELC
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

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
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.56	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106943	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
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.8	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.32	—	—	0.01	SU	Y	H	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.01	—	—	0.01	SU	Y	H	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.13	—	—	0.01	SU	Y	H	J-	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.1	—	—	0.725	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.1	—	—	0.725	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.5	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.7	—	—	0.73	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	778	—	—	68	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	391	—	—	68	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2620	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2960	—	—	1	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22	—	—	0.05	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.1	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	25.2	—	—	0.335	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.1	—	—	0.134	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.7	—	—	0.335	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	27.8	—	—	0.33	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.5	—	—	2	µg/L	Y	J	J	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	4.14	—	—	2	µg/L	Y	J	U	2014-4254	CAWA-14-84605	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.68	—	—	2	µg/L	Y	J	J	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.169	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.171	—	—	0.033	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.163	—	—	0.033	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.239	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.247	—	—	0.033	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.1	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.2	—	—	0.453	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.148	—	—	0.0865	µg/L	Y	J	J	2016-512	CAWA-16-106925	GELC
CDV-16-02656	3	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.319	—	—	0.0842	µg/L	Y	—	NQ	2015-1862	CAWA-15-100831	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-16-02656	3	01/28/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.282	—	—	0.0904	µg/L	Y	UH	UJ	2015-739	CAWA-15-91325	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	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	332	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	207	—	—	30	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.39	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.78	—	—	0.11	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	5.13	—	—	2	µg/L	Y	J	J	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-739	CAWA-15-91352	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
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.54	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.951	—	—	0.165	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.967	—	—	0.5	µg/L	Y	J	J	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-739	CAWA-15-91352	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	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.202	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.03	—	—	0.085	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	—	0.085	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.104	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0936	—	—	0.01	mg/L	Y	—	J+	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.647	—	—	0.05	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.935	—	—	0.1	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.571	—	—	0.05	µg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.174	—	—	0.05	µg/L	Y	J	J	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.69	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.54	—	—	0.05	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.311	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106925	GELC
CDV-16-02656	3	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.682	—	—	0.0842	µg/L	Y	Q	NQ	2015-1862	CAWA-15-100831	GELC
CDV-16-02656	3	01/28/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.0979	—	—	0.0904	µg/L	Y	HJ	J-	2015-739	CAWA-15-91325	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	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	36.7	—	—	0.053	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	33.5	—	—	0.053	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	32.3	—	—	0.053	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	28.1	—	—	0.053	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC

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-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	27.7	—	—	0.053	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	19.9	—	—	0.1	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242	—	—	3.63	µS/cm	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	1	µS/cm	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	309	—	—	1	µS/cm	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	298	—	—	1	µS/cm	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	115	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	157	—	—	1	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.93	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.2	—	—	0.133	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.64	—	—	0.133	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10	—	—	0.133	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.198	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106925	GELC
CDV-16-02656	3	01/28/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.388	—	—	0.033	mg/L	Y	—	J	2015-739	CAWA-15-91325	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	03/28/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.163	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28823	GELC
CDV-16-02656	3	01/20/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0641	—	—	0.035	mg/L	Y	J	J	12-634	CAWA-12-1938	GELC
CDV-16-02656	3	12/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.91	—	—	0.33	mg/L	Y	—	NQ	2016-512	CAWA-16-106925	GELC
CDV-16-02656	3	01/28/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.27	—	—	0.66	mg/L	Y	—	NQ	2015-739	CAWA-15-91325	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.93	—	—	0.33	mg/L	Y	—	NQ	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	03/28/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.34	—	—	0.33	mg/L	Y	—	NQ	2013-682	CAWA-13-28823	GELC
CDV-16-02656	3	01/20/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.73	—	—	0.33	mg/L	Y	—	NQ	12-634	CAWA-12-1938	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0191	—	—	0.017	mg/L	Y	J	J	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0353	—	—	0.017	mg/L	Y	J	J	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0528	—	—	0.017	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0881	—	—	0.015	mg/L	Y	—	U	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.59	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.9	—	—	1	µg/L	Y	J	J	2015-739	CAWA-15-91352	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-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.05	—	—	0.01	SU	Y	H	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.03	—	—	0.01	SU	Y	H	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.01	—	—	0.01	SU	Y	H	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.93	—	—	0.01	SU	Y	H	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.88	—	—	0.01	SU	Y	H	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.78	—	—	0.01	SU	Y	H	J-	12-621	CAWA-12-1940	GELC

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-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.9	—	—	0.725	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.2	—	—	0.725	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.2	—	—	0.725	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.6	—	—	0.725	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	103	—	—	0.725	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	145	—	—	0.73	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.11	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.64	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.13	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.01	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	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	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.729	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.38	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.03	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.96	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	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	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.89	—	—	1.7	µg/L	Y	J	J	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-4214	CAWA-14-84606	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	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	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	4660	—	—	1	µg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	5650	—	—	1	µg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	5700	—	—	1	µg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.8	—	—	15	µg/L	Y	J	J	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	44.6	—	—	15	µg/L	Y	J	J	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	44.8	—	—	15	µg/L	Y	J	J	2015-733	CAWA-15-91294	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	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.5	—	—	0.05	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.6	—	—	0.05	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.9	—	—	0.05	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.2	—	—	0.335	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.2	—	—	0.335	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	22.1	—	—	0.335	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20	—	—	0.335	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.4	—	—	0.134	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.7	—	—	0.33	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.329	—	—	0.0842	µg/L	Y	Q	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.269	—	—	0.0874	µg/L	Y	J	J	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.159	—	—	0.093	µg/L	Y	J	J	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.159	—	—	0.0947	µg/L	Y	J	J	2015-733	CAWA-15-91291	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-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	N	0.294	—	—	0.0941	µg/L	Y	U	U	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	DNX	DNX	Y	0.12	—	—	0.0964	µg/L	Y	J	J	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	DNX	DNX	Y	0.129	—	—	0.0964	µg/L	Y	J	J	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.17	—	—	0.033	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.162	—	—	0.033	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.033	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.208	—	—	0.033	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.5	—	—	0.453	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.1	—	—	0.453	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.1	—	—	0.453	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.1	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	17.6	—	—	0.219	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.1	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.79	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	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	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.08	—	—	0.11	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.37	—	—	0.11	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.42	—	—	0.11	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.439	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.812	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.356	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.34	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.233	—	—	0.0941	µg/L	Y	J	J	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	MNX	MNX	Y	0.427	—	—	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	MNX	MNX	Y	0.422	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.365	—	—	0.165	µg/L	Y	J	J	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0427	—	—	0.017	mg/L	Y	J	J	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0516	—	—	0.017	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0638	—	—	0.017	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.282	—	—	0.017	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.104	—	—	0.017	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0289	—	—	0.01	mg/L	Y	J	J+	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.112	—	—	0.05	µg/L	Y	J	J	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0707	—	—	0.05	µg/L	Y	J	J	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0697	—	—	0.05	µg/L	Y	J	J	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.141	—	—	0.05	µg/L	Y	J	J	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0791	—	—	0.05	µg/L	Y	J	J+	11-3633	CAWA-11-27071	GELC

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-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.82	—	—	0.05	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.94	—	—	0.05	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	4.07	—	—	0.05	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.51	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	10.8	—	—	0.219	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.24	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.93	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	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	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	33.3	—	—	0.053	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	34	—	—	0.053	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	34.5	—	—	0.053	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	27.9	—	—	0.053	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	29.8	—	—	0.053	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	30.3	—	—	0.053	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.2	—	—	0.1	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	1	µS/cm	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	247	—	—	3.63	µS/cm	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	3.63	µS/cm	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	270	—	—	1	µS/cm	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	298	—	—	1	µS/cm	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	366	—	—	1	µS/cm	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	152	—	—	1	µg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	201	—	—	1	µg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	198	—	—	1	µg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.78	—	—	0.133	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.91	—	—	0.133	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.94	—	—	0.133	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.8	—	—	0.133	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.44	—	—	0.133	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.04	—	—	0.1	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.726	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.113	—	—	0.0874	µg/L	Y	J	J	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.206	—	—	0.093	µg/L	Y	J	J	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.188	—	—	0.0947	µg/L	Y	J	J	2015-733	CAWA-15-91291	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	N	0.294	—	—	0.0941	µg/L	Y	U	U	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	TNX	TNX	Y	0.137	—	—	0.0964	µg/L	Y	J	J	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	TNX	TNX	Y	0.129	—	—	0.0964	µg/L	Y	J	J	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	82.9	—	—	3.4	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	219	—	—	3.4	mg/L	Y	—	J	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0668	—	—	0.033	mg/L	Y	J	J	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.252	—	—	0.033	mg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.234	—	—	0.033	mg/L	Y	—	NQ	2015-733	CAWA-15-91291	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.186	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.125	—	—	0.033	mg/L	Y	—	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0786	—	—	0.035	mg/L	Y	J	J	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.45	—	—	0.33	mg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.31	—	—	0.33	mg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.28	—	—	0.33	mg/L	Y	—	NQ	2015-733	CAWA-15-91291	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.93	—	—	0.33	mg/L	Y	—	NQ	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.98	—	—	0.33	mg/L	Y	—	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.75	—	—	0.33	mg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.99	—	—	0.01	SU	Y	H	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.96	—	—	0.01	SU	Y	H	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.04	—	—	0.01	SU	Y	H	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.05	—	—	0.01	SU	Y	H	J-	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	0.725	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.725	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	—	0.725	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	—	0.725	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.2	—	—	0.73	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.184	—	—	0.0816	µg/L	Y	JQ	J	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.178	—	—	0.087	µg/L	Y	J	J	2015-1893	CAWA-15-100833	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.181	—	—	0.0851	µg/L	Y	J	J	2015-1177	CAWA-15-95848	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	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.149	—	—	0.017	mg/L	Y	—	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0567	—	—	0.017	mg/L	Y	—	U	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0196	—	—	0.017	mg/L	Y	J	U	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.122	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.6	—	—	1	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16	—	—	1	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	75.9	—	—	15	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	68.6	—	—	15	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0857	—	—	0.067	mg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0759	—	—	0.067	mg/L	Y	J	J	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.104	—	—	0.066	mg/L	Y	J	J	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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-16-1(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	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.32	—	—	0.067	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.08	—	—	0.067	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.17	—	—	0.067	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.44	—	—	0.067	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.96	—	—	0.066	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	13.6	—	—	3	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	16	—	—	3	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
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	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.14	—	—	0.0816	µg/L	Y	J	J	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.14	—	—	0.0851	µg/L	Y	J	J	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.152	—	—	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	DNX	DNX	Y	0.128	—	—	0.0899	µg/L	Y	J	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	Y	0.14	—	—	0.091	µg/L	Y	J	J	11-3707	CAWA-11-27954	STSL
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0428	—	—	0.033	mg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0536	—	—	0.033	mg/L	Y	J	J	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.068	—	—	0.033	mg/L	Y	J	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.127	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.105	—	—	0.033	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.8	—	—	0.453	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.5	—	—	0.453	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.43	—	—	0.0816	µg/L	Y	—	NQ	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.57	—	—	0.087	µg/L	Y	—	NQ	2015-1893	CAWA-15-100833	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.7	—	—	0.0851	µg/L	Y	—	NQ	2015-1177	CAWA-15-95848	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	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.07	—	—	0.11	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.7	—	—	0.11	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.41	—	—	2	µg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.63	—	—	2	µg/L	Y	J	J	2015-1177	CAWA-15-95853	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	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.266	—	—	0.0816	µg/L	Y	—	NQ	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.344	—	—	0.0851	µg/L	Y	—	NQ	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.323	—	—	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	MNX	MNX	Y	0.299	—	—	0.0899	µg/L	Y	—	NQ	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.25	—	—	0.091	µg/L	Y	PJ	J	11-3707	CAWA-11-27954	STSL
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.59	—	—	0.165	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.607	—	—	0.165	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.631	—	—	0.165	µg/L	Y	—	U	2014-4404	CAWA-14-84607	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.861	—	—	0.165	µg/L	Y	—	J	2014-3042	CAWA-14-54758	GELC

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-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.771	—	—	0.165	µg/L	Y	—	U	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.36	—	—	0.5	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.55	—	—	0.5	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.895	—	—	0.017	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.926	—	—	0.017	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.886	—	—	0.017	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.879	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.845	—	—	0.05	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.536	—	—	0.05	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.529	—	—	0.05	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.505	—	—	0.05	µg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.528	—	—	0.05	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.577	—	—	0.05	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.7	—	—	0.05	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.37	—	—	0.05	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	11/13/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	28.1	—	—	0.408	µg/L	Y	—	J	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	28.5	—	—	0.435	µg/L	Y	—	NQ	2015-1893	CAWA-15-100833	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	32.4	—	—	0.426	µg/L	Y	—	NQ	2015-1177	CAWA-15-95848	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	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.1	—	—	0.053	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.7	—	—	0.053	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.9	—	—	0.053	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.5	—	—	0.053	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.6	—	—	0.053	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	3.63	µS/cm	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	1	µS/cm	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	95.7	—	—	1	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92.4	—	—	1	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.61	—	—	0.133	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.41	—	—	0.133	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.93	—	—	0.133	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.7	—	—	0.133	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.67	—	—	0.1	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.186	—	—	0.0816	µg/L	Y	J	J	2016-341	CAWA-16-106927	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-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.237	—	—	0.0851	µg/L	Y	J	J	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.262	—	—	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	TNX	TNX	Y	0.208	—	—	0.0899	µg/L	Y	J	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	Y	0.17	—	—	0.082	µg/L	Y	J	J	11-3707	CAWA-11-27954	STSL
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	94.3	—	—	3.4	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.07	—	—	0.33	mg/L	Y	—	NQ	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.916	—	—	0.33	mg/L	Y	J	J	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.15	—	—	0.33	mg/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.13	—	—	0.33	mg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.32	—	—	0.33	mg/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0321	—	—	0.017	mg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0543	—	—	0.017	mg/L	Y	—	U	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0774	—	—	0.017	mg/L	Y	—	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0537	—	—	0.015	mg/L	Y	—	U	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.375	—	—	0.067	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.377	—	—	0.067	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.03	—	—	1	µg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.28	—	—	1	µg/L	Y	J	J	2015-1177	CAWA-15-95853	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	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	35.5	—	—	3.3	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	37.2	—	—	3.3	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.27	—	—	0.01	SU	Y	H	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.34	—	—	0.01	SU	Y	H	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.35	—	—	0.01	SU	Y	H	J-	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.31	—	—	0.01	SU	Y	H	J-	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	0.725	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.9	—	—	0.725	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.725	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.725	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.73	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51	—	—	0.73	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.104	—	—	0.0825	µg/L	Y	J	J	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.107	—	—	0.0874	µg/L	Y	J	J	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.12	—	—	0.0851	µg/L	Y	J	J	2015-671	CAWA-15-91328	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

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-16-2(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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.43	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.66	—	—	1	µg/L	Y	J	J	2015-671	CAWA-15-91355	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.4	—	—	15	µg/L	Y	J	J	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.9	—	—	15	µg/L	Y	J	J	2015-671	CAWA-15-91355	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.75	—	—	0.05	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.97	—	—	0.067	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.06	—	—	0.067	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	—	—	0.067	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.78	—	—	0.067	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.76	—	—	0.067	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.066	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.48	—	—	0.066	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.74	—	—	3	µg/L	Y	J	J	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2015-671	CAWA-15-91355	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	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.193	—	—	0.0825	µg/L	Y	J	J	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.166	—	—	0.0874	µg/L	Y	J	J	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.145	—	—	0.0851	µg/L	Y	J	J	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.139	—	—	0.0833	µg/L	Y	J	J	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	DNX	DNX	Y	0.13	—	—	0.0856	µg/L	Y	J	J	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	DNX	DNX	Y	0.117	—	—	0.092	µg/L	Y	J	J	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.126	—	—	0.033	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.105	—	—	0.033	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.131	—	—	0.033	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.179	—	—	0.033	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.1	—	—	0.453	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.7	—	—	0.453	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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
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	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.04	—	—	0.0825	µg/L	Y	—	NQ	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.923	—	—	0.0874	µg/L	Y	—	NQ	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.83	—	—	0.0851	µg/L	Y	—	NQ	2015-671	CAWA-15-91328	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.61	—	—	0.11	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	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-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.53	—	—	0.11	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.503	—	—	0.0825	µg/L	Y	—	NQ	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.472	—	—	0.0874	µg/L	Y	—	NQ	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.402	—	—	0.0851	µg/L	Y	—	NQ	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.405	—	—	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	MNX	MNX	Y	0.382	—	—	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	MNX	MNX	Y	0.341	—	—	0.092	µg/L	Y	—	NQ	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.936	—	—	0.165	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.869	—	—	0.165	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.686	—	—	0.5	µg/L	Y	J	J	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2014-4391	CAWA-14-84608	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.553	—	—	0.5	µg/L	Y	J	J	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.8	—	—	0.5	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.607	—	—	0.017	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.652	—	—	0.017	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.735	—	—	0.017	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.632	—	—	0.017	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.631	—	—	0.017	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.59	—	—	0.05	mg/L	Y	—	J+	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.595	—	—	0.05	mg/L	Y	—	J+	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	—	0.05	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.323	—	—	0.05	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.299	—	—	0.05	µg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	—	0.05	µg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.256	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.298	—	—	0.05	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	12/07/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	128	—	—	4.12	µg/L	Y	—	J+	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	93.1	—	—	2.19	µg/L	Y	B	J	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	102	—	—	2.13	µg/L	Y	—	NQ	2015-671	CAWA-15-91328	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.5	—	—	0.53	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.8	—	—	0.053	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.4	—	—	0.053	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.5	—	—	0.053	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	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-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	3.63	µS/cm	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.5	—	—	1	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.5	—	—	1	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.1	—	—	0.133	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.31	—	—	0.133	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.48	—	—	0.133	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5	—	—	0.133	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.89	—	—	0.133	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.3	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.28	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.161	—	—	0.0825	µg/L	Y	J	J	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.138	—	—	0.0874	µg/L	Y	J	J	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.119	—	—	0.0851	µg/L	Y	J	J	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.132	—	—	0.0833	µg/L	Y	J	J	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	TNX	TNX	Y	0.121	—	—	0.0856	µg/L	Y	J	J	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	TNX	TNX	Y	0.115	—	—	0.092	µg/L	Y	J	J	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	—	3.4	mg/L	Y	—	J	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	—	3.4	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	J	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	J	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.776	—	—	0.33	mg/L	Y	J	J	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.64	—	—	0.33	mg/L	Y	J	J	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.701	—	—	0.33	mg/L	Y	J	J	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.919	—	—	0.33	mg/L	Y	J	J	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.825	—	—	0.33	mg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.688	—	—	0.33	mg/L	Y	J	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.793	—	—	0.33	mg/L	Y	J	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0264	—	—	0.017	mg/L	Y	J	J	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.115	—	—	0.017	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0442	—	—	0.017	mg/L	Y	J	U	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0431	—	—	0.015	mg/L	Y	J	U	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.155	—	—	0.015	mg/L	Y	—	U	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.0887	—	—	0.0825	µg/L	Y	J	J	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.273	—	—	0.0874	µg/L	Y	U	U	2015-1749	CAWA-15-100834	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-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.266	—	—	0.0851	µg/L	Y	U	U	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	08/18/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.258	—	—	0.0825	µg/L	Y	UH	R	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	Trinitrobenzene[1,3,5-]	99-35-4	N	0.269	—	—	0.086	µg/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.268	—	—	0.067	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.286	—	—	0.067	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	29.8	—	—	3.3	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	15.4	—	—	3.3	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	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-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	0.01	SU	Y	H	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	0.01	SU	Y	H	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.8	—	—	0.725	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.7	—	—	0.725	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.2	—	—	0.725	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.7	—	—	0.725	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.2	—	—	0.725	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.84	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.85	—	—	0.0856	µg/L	Y	—	NQ	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.18	—	—	0.0816	µg/L	Y	—	NQ	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.07	—	—	0.0842	µg/L	Y	—	NQ	2015-679	CAWA-15-91329	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
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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.02	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.8	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3	—	—	1	µg/L	Y	J	J	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	63.2	—	—	15	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	63.6	—	—	15	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	62.8	—	—	15	µg/L	Y	—	NQ	2015-679	CAWA-15-91356	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

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	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0737	—	—	0.067	mg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0792	—	—	0.067	mg/L	Y	J	J	2015-679	CAWA-15-91356	GELC
CDV-16-4ip S1	815.6	08/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-4394	CAWA-14-84609	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.87	—	—	0.05	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.45	—	—	0.067	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.43	—	—	0.067	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.37	—	—	0.067	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.293	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.235	—	—	0.0856	µg/L	Y	J	J	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.202	—	—	0.0816	µg/L	Y	J	J	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.216	—	—	0.0842	µg/L	Y	J	J	2015-679	CAWA-15-91329	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.247	—	—	0.0816	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.295	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0877	—	—	0.033	mg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.093	—	—	0.033	mg/L	Y	J	J	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0675	—	—	0.033	mg/L	Y	J	J	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.2	—	—	0.453	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.6	—	—	0.453	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.9	—	—	0.453	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.25	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.27	—	—	0.0856	µg/L	Y	—	NQ	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.53	—	—	0.0816	µg/L	Y	—	NQ	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.17	—	—	0.0842	µg/L	Y	—	NQ	2015-679	CAWA-15-91329	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

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	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.08	—	—	0.11	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.636	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.586	—	—	0.0856	µg/L	Y	—	NQ	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.528	—	—	0.0816	µg/L	Y	—	NQ	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.557	—	—	0.0842	µg/L	Y	—	NQ	2015-679	CAWA-15-91329	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.559	—	—	0.0816	µg/L	Y	Q	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.702	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.603	—	—	0.165	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.592	—	—	0.165	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.637	—	—	0.165	µg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.693	—	—	0.5	µg/L	Y	J	J	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.727	—	—	0.5	µg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.526	—	—	0.5	µg/L	Y	J	J	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.85	—	—	0.017	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.89	—	—	0.085	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.911	—	—	0.017	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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
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	12/07/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.385	—	—	0.05	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	—	0.05	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	RE	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	H	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.922	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.935	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.08	—	—	0.05	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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

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	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	12/07/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	135	—	—	4.21	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	152	—	—	4.28	µg/L	Y	—	NQ	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	122	—	—	4.08	µg/L	Y	—	NQ	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	144	—	—	4.21	µg/L	Y	—	J+	2015-679	CAWA-15-91329	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.4	—	—	0.53	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.9	—	—	0.53	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.4	—	—	0.053	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.88	—	—	0.1	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	3.63	µS/cm	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.3	—	—	1	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	59.9	—	—	1	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.8	—	—	1	µg/L	Y	—	NQ	2015-679	CAWA-15-91356	GELC
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	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.57	—	—	0.133	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.53	—	—	0.133	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	—	—	0.133	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.273	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.24	—	—	0.0856	µg/L	Y	J	J	2016-472	CAWA-16-106916	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	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.183	—	—	0.0816	µg/L	Y	J	J	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.216	—	—	0.0842	µg/L	Y	J	J	2015-679	CAWA-15-91329	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.242	—	—	0.0816	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.282	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	77.1	—	—	3.4	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	12/07/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.2	—	—	0.033	mg/L	Y	—	NQ	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0792	—	—	0.033	mg/L	Y	J	J	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.156	—	—	0.033	mg/L	Y	—	J+	2015-679	CAWA-15-91329	GELC
CDV-16-4ip S1	815.6	08/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-4394	CAWA-14-84593	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	12/07/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.699	—	—	0.33	mg/L	Y	J	J	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.688	—	—	0.33	mg/L	Y	J	J	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.09	—	—	0.33	mg/L	Y	—	NQ	2015-679	CAWA-15-91329	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	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0187	—	—	0.017	mg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0271	—	—	0.017	mg/L	Y	J	J	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0329	—	—	0.017	mg/L	Y	J	J	2015-679	CAWA-15-91356	GELC
CDV-16-4ip S1	815.6	08/19/14	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	2014-4394	CAWA-14-84609	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	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.126	—	—	0.0842	µg/L	Y	J	J	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.104	—	—	0.0856	µg/L	Y	J	J	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.0867	—	—	0.0816	µg/L	Y	J	J	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-679	CAWA-15-91329	GELC
CDV-16-4ip S1	815.6	08/19/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.26	—	—	0.0833	µg/L	Y	U	R	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	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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.423	—	—	0.067	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.435	—	—	0.067	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.426	—	—	0.067	µg/L	Y	—	NQ	2015-679	CAWA-15-91356	GELC
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	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.52	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106948	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	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.92	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.79	—	—	1	µg/L	Y	J	J	2015-679	CAWA-15-91356	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-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.08	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.36	—	—	0.01	SU	Y	H	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.17	—	—	0.01	SU	Y	H	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.03	—	—	0.01	SU	Y	H	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.02	—	—	0.01	SU	Y	H	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	J-	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.4	—	—	0.725	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.2	—	—	0.725	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.725	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	0.725	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.8	—	—	0.73	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	68.2	—	—	68	µg/L	Y	J	J	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-4334	CAWA-14-84610	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.279	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.571	—	—	0.0825	µg/L	Y	—	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.335	—	—	0.0829	µg/L	Y	H	J-	2015-750	CAWA-15-91330	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	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.251	—	—	0.0865	µg/L	Y	J	J	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.4	—	—	0.0825	µg/L	Y	—	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.212	—	—	0.0829	µg/L	Y	HJ	J-	2015-750	CAWA-15-91330	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	9090	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	32	—	—	15	µg/L	Y	J	J	2016-512	CAWA-16-106949	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	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0745	—	—	0.067	mg/L	Y	J	J	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0694	—	—	0.067	mg/L	Y	J	J	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0845	—	—	0.067	mg/L	Y	J	J	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.122	—	—	0.067	mg/L	Y	J	J	2013-663	CAWA-13-28789	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-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.131	—	—	0.066	mg/L	Y	J	J	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.8	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.4	—	—	0.335	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.7	—	—	0.335	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.8	—	—	0.134	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.8	—	—	0.134	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	32.2	—	—	0.33	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.38	—	—	2	µg/L	Y	J	J	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4334	CAWA-14-84610	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.97	—	—	2	µg/L	Y	J	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.45	—	—	2	µg/L	Y	J	J	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.53	—	—	2	µg/L	Y	J	J	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	2.14	—	—	2	µg/L	Y	J	U	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.217	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.218	—	—	0.033	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.171	—	—	0.033	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.201	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.254	—	—	0.033	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96.1	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.35	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.17	—	—	0.0825	µg/L	Y	Q	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.15	—	—	0.0829	µg/L	Y	H	J-	2015-750	CAWA-15-91330	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	1020	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.11	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	313	—	—	2	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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

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-16-611923	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.757	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.98	—	—	0.5	µg/L	Y	J	J	2016-512	CAWA-16-106949	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.29	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1	—	—	0.0865	µg/L	Y	Q	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.99	—	—	0.0825	µg/L	Y	—	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.457	—	—	0.0829	µg/L	Y	H	J-	2015-750	CAWA-15-91330	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.7	—	—	0.053	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.4	—	—	0.053	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	36.1	—	—	0.053	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.8	—	—	0.053	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.3	—	—	0.053	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	33.4	—	—	0.053	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.5	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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
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	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	254	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	3.63	µS/cm	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	272	—	—	1	µS/cm	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	301	—	—	1	µS/cm	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	300	—	—	1	µS/cm	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	317	—	—	1	µS/cm	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	237	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.7	—	—	0.133	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.44	—	—	0.133	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC

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-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.52	—	—	0.133	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.47	—	—	0.133	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.04	—	—	0.1	mg/L	Y	—	NQ	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.09	—	—	2.5	µg/L	Y	J	J	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	200	—	—	50	µg/L	Y	U	U	2014-4334	CAWA-14-84610	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	12-1414	CAWA-12-17563	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	J	12-651	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.185	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.47	—	—	0.033	mg/L	Y	—	J	2015-750	CAWA-15-91330	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.34	—	—	0.033	mg/L	Y	—	J-	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.164	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.264	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.249	—	—	0.035	mg/L	Y	—	NQ	12-652	CAWA-12-1942	GELC
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.13	—	—	0.33	mg/L	Y	—	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.41	—	—	0.33	mg/L	Y	—	NQ	2015-750	CAWA-15-91330	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.15	—	—	0.33	mg/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.63	—	—	0.33	mg/L	Y	—	NQ	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.57	—	—	0.33	mg/L	Y	—	NQ	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.62	—	—	0.33	mg/L	Y	—	NQ	12-652	CAWA-12-1942	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0904	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0622	—	—	0.017	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.106	—	—	0.017	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	01/25/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0472	—	—	0.015	mg/L	Y	J	J	12-652	CAWA-12-1944	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.069	—	—	0.067	µg/L	Y	J	J	2016-512	CAWA-16-106949	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	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.34	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106949	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
Martin Spring	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.62	—	—	0.331	µg/L	Y	J	J	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.471	—	—	0.328	µg/L	Y	J	J	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.56	—	—	0.326	µg/L	Y	J	J	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.539	—	—	0.311	µg/L	Y	J	J	2015-734	CAWA-15-91290	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	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.13	—	—	0.01	SU	Y	H	NQ	2016-439	CAWA-16-106952	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
Martin Spring	—	07/23/15	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	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	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	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	98.8	—	—	0.725	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.6	—	—	0.725	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.4	—	—	0.725	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.9	—	—	0.725	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	346	—	—	68	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	1720	—	—	68	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	2040	—	—	68	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	72.2	—	—	68	µg/L	Y	J	J	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	Y	72.8	—	—	68	µg/L	Y	J	J	2015-734	CAWA-15-91293	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	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.949	—	—	0.0884	µg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.09	—	—	0.0874	µg/L	Y	Q	J+	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.35	—	—	0.087	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.35	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.706	—	—	0.0884	µg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.788	—	—	0.0874	µg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.963	—	—	0.087	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.884	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.18	—	—	1.7	µg/L	Y	J	J	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.63	—	—	1.7	µg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	1.7	—	—	1.7	µg/L	Y	U	U	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-734	CAWA-15-91293	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	143	—	—	1	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	125	—	—	1	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	143	—	—	1	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	168	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	167	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	936	—	—	15	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	892	—	—	15	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	1050	—	—	15	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	841	—	—	15	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	839	—	—	15	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0912	—	—	0.067	mg/L	Y	J	J	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0773	—	—	0.067	mg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.114	—	—	0.067	mg/L	Y	J	J	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.102	—	—	0.067	mg/L	Y	J	J	2015-734	CAWA-15-91293	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-4350	CAWA-14-84614	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
Martin Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067	mg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.4	—	—	0.05	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.8	—	—	0.05	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	30.2	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	30.2	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.2	—	—	0.268	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18	—	—	0.268	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	44.2	—	—	0.67	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	44.1	—	—	0.67	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.431	—	—	0.033	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	—	0.033	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.474	—	—	0.033	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.469	—	—	0.033	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.9	—	—	0.453	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.8	—	—	0.453	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.7	—	—	0.453	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	103	—	—	0.453	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	103	—	—	0.453	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.4	—	—	0.0884	µg/L	Y	Q	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.29	—	—	0.0874	µg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.41	—	—	0.087	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.19	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	200	—	—	30	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	971	—	—	30	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	1050	—	—	30	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	39.1	—	—	30	µg/L	Y	J	J	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	46.1	—	—	30	µg/L	Y	J	J	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.45	—	—	0.11	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.7	—	—	0.11	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.42	—	—	0.11	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.75	—	—	0.11	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.76	—	—	0.11	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.366	—	—	0.0884	µg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.37	—	—	0.0874	µg/L	Y	Q	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.264	—	—	0.087	µg/L	Y	J	J	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.277	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.338	—	—	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	MNX	MNX	Y	0.322	—	—	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	MNX	MNX	Y	0.381	—	—	0.0909	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.74	—	—	0.165	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.32	—	—	0.165	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	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
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.86	—	—	0.165	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.32	—	—	0.165	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.34	—	—	0.165	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.62	—	—	0.085	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.71	—	—	0.034	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.64	—	—	0.085	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.75	—	—	0.085	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.558	—	—	0.05	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.544	—	—	0.05	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.543	—	—	0.05	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.543	—	—	0.05	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.595	—	—	0.05	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.689	—	—	0.05	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.707	—	—	0.05	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.9	—	—	0.05	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.89	—	—	0.05	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.89	—	—	0.05	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.96	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.93	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	65.8	—	—	2.21	µg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	53.7	—	—	0.874	µg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	51.6	—	—	2.17	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	56.5	—	—	2.07	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.2	—	—	0.053	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.9	—	—	0.053	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.8	—	—	0.053	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.7	—	—	0.053	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	30.7	—	—	0.1	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.1	—	—	0.1	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	30.1	—	—	0.1	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	43.4	—	—	0.1	mg/L	Y	E	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	44	—	—	0.1	mg/L	Y	E	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224	—	—	1	µS/cm	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	3.63	µS/cm	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	386	—	—	3.63	µS/cm	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	390	—	—	3.63	µS/cm	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.7	—	—	1	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	118	—	—	1	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	151	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	152	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	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
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	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.2	—	—	0.133	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.1	—	—	0.133	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19	—	—	1.33	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	20	—	—	0.133	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.62	—	—	2.5	µg/L	Y	J	J	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.71	—	—	2.5	µg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.39	—	—	2.5	µg/L	Y	J	J	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-734	CAWA-15-91293	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.172	—	—	0.0884	µg/L	Y	J	J	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	N	0.273	—	—	0.0874	µg/L	Y	UQ	U	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.171	—	—	0.087	µg/L	Y	J	J	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.18	—	—	0.0829	µg/L	Y	J	J	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.214	—	—	0.093	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	TNX	TNX	Y	0.192	—	—	0.0909	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	TNX	TNX	Y	0.17	—	—	0.0909	µg/L	Y	J	J	12-1441	CAWA-12-17546	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	234	—	—	3.4	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	223	—	—	3.4	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.61	—	—	0.033	mg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.867	—	—	0.033	mg/L	Y	—	NQ	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.407	—	—	0.033	mg/L	Y	—	J	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.452	—	—	0.033	mg/L	Y	—	J	2015-734	CAWA-15-91290	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	—	12/01/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.96	—	—	0.33	mg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.97	—	—	0.66	mg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:415.1	Total Organic Carbon	TOC	Y	3.69	—	—	0.66	mg/L	Y	—	J-	2015-1721	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.8	—	—	0.33	mg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.88	—	—	0.33	mg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.133	—	—	0.017	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.067	—	—	0.017	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.121	—	—	0.017	mg/L	Y	—	J	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0974	—	—	0.017	mg/L	Y	—	U	2015-734	CAWA-15-91293	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	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.249	—	—	0.0884	µg/L	Y	J	J	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.104	—	—	0.0874	µg/L	Y	JQ	J	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.293	—	—	0.087	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.34	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.11	—	—	0.067	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.754	—	—	0.067	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	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
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.03	—	—	0.067	µg/L	Y	*	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.53	—	—	0.067	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.54	—	—	0.067	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4	—	—	1	µg/L	Y	J	J	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.67	—	—	1	µg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.15	—	—	1	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.6	—	—	1	µg/L	Y	J	J	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.47	—	—	1	µg/L	Y	J	J	2015-734	CAWA-15-91293	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	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.55	—	—	3.3	µg/L	Y	J	J	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.19	—	—	3.3	µg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.59	—	—	3.3	µg/L	Y	J	J	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-734	CAWA-15-91293	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
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	392	—	—	68	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	251	—	—	68	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	948	—	—	68	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	994	—	—	68	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	525	—	—	68	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	148	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	283	—	—	1	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	185	—	—	1	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	185	—	—	1	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	103	—	—	1	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	1310	—	—	15	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	1550	—	—	15	µg/L	Y	N	J+	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	929	—	—	15	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	676	—	—	10	µg/L	Y	E	J	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	623	—	—	10	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	25.4	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	57.8	—	—	0.05	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	42.5	—	—	0.05	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	27.9	—	—	0.03	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	25.4	—	—	0.03	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.83	—	—	2	µg/L	Y	J	J	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.64	—	—	1.5	µg/L	Y	J	J	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.23	—	—	3	µg/L	Y	J	J	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.88	—	—	0.0904	µg/L	Y	—	NQ	2016-512	CAWA-16-106934	GELC
MSC-16-06293	2	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	6.48	—	—	0.1	µg/L	Y	—	NQ	11-3705	CAWA-11-27088	GELC
MSC-16-06293	2	04/07/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.03	—	—	0.1	µg/L	Y	—	J	10-2692	CAWA-10-15108	GELC
MSC-16-06293	2	04/09/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.8	—	—	0.11	µg/L	Y	—	NQ	09-1431	CAWA-09-5591	GELC
MSC-16-06293	2	04/02/08	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.9	—	—	0.1	µg/L	Y	—	J	08-913	CAWA-08-11624	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	532	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	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
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	113	—	—	30	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	508	—	—	30	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	544	—	—	25	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	291	—	—	25	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.63	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.97	—	—	0.11	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.02	—	—	0.085	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.93	—	—	0.085	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.47	—	—	0.085	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	35.2	—	—	2	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	33.1	—	—	2	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	19.2	—	—	2	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	63.2	—	—	2	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	182	—	—	2	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.92	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.15	—	—	0.17	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.1	µg/L	Y	—	J	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.68	—	—	0.1	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.7	—	—	0.1	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.24	—	—	0.5	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.31	—	—	0.5	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.43	—	—	0.5	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.9	—	—	0.5	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.6	—	—	0.5	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.34	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	7.2	—	—	0.05	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.86	—	—	0.05	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.7	—	—	0.05	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.08	—	—	0.05	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	42.9	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	45.5	—	—	0.1	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	37.4	—	—	0.1	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	24.4	—	—	0.045	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.9	—	—	0.045	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	117	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	301	—	—	1	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	264	—	—	1	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	153	—	—	1	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.17	—	—	2.5	µg/L	Y	J	J	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	200	—	—	50	µg/L	Y	U	U	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	50	—	—	13	µg/L	Y	U	U	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.728	—	—	0.067	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	3.75	—	—	0.067	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.85	—	—	0.05	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.57	—	—	0.05	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.89	—	—	0.05	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.28	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.64	—	—	1	µg/L	Y	J	J	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.55	—	—	1	µg/L	Y	J	J	10-2693	CAWA-10-15107	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
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.7	—	—	1	µg/L	Y	J	J	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	2.6	—	—	1	µg/L	Y	J	U	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	157	—	—	3.3	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	220	—	—	3.3	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	250	—	—	3.3	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	312	—	—	2	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	413	—	—	2	µg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.64	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	5.96	—	—	0.01	SU	Y	H	J-	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.73	—	—	0.01	SU	Y	H	J-	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.77	—	—	0.01	SU	Y	H	J-	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.13	—	—	0.01	SU	Y	H	J	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.8	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.5	—	—	0.73	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	26.4	—	—	0.73	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	0.73	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	133	—	—	0.725	mg/L	Y	—	NQ	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	1460	—	—	68	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	913	—	—	68	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	829	—	—	68	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	700	—	—	68	µg/L	Y	N	J+	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	11700	—	—	68	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.179	—	—	0.017	mg/L	Y	—	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0763	—	—	0.016	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.031	—	—	0.016	mg/L	Y	J	J-	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.03	—	—	0.03	mg/L	Y	U	UJ	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	192	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	272	—	—	1	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	217	—	—	1	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	172	—	—	1	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	149	—	—	1	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	273	—	—	15	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	349	—	—	15	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	247	—	—	15	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	341	—	—	15	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	170	—	—	15	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	—	0.067	mg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	—	0.066	mg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.233	—	—	0.066	mg/L	Y	—	NQ	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.7	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	25	—	—	0.05	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.62	—	—	0.05	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.1	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.1	—	—	0.066	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.27	—	—	0.066	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.5	—	—	0.066	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.04	—	—	0.066	mg/L	Y	—	NQ	196534	GF07100MSC9401	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
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.8	—	—	2	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.49	—	—	2	µg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.02	—	—	2.5	µg/L	Y	J	J	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.57	—	—	3	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	4.33	—	—	3	µg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	5.12	—	—	3	µg/L	Y	J	J	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	6.61	—	—	3	µg/L	Y	J	J	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.146	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.204	—	—	0.033	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.354	—	—	0.033	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.289	—	—	0.033	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.283	—	—	0.033	mg/L	Y	—	J+	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.9	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.2	—	—	0.45	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.2	—	—	0.45	mg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.6	—	—	0.35	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.7	—	—	0.35	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	740	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1520	—	—	30	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1250	—	—	30	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	473	—	—	30	µg/L	Y	N	J+	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	5740	—	—	30	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.82	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.81	—	—	0.11	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.14	—	—	0.11	mg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.72	—	—	0.085	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.95	—	—	0.085	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	118	—	—	2	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	269	—	—	2	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	11.2	—	—	2	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	33.4	—	—	2	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	36.8	—	—	2	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.957	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.2	—	—	0.17	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.648	—	—	0.17	µg/L	Y	—	U	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.1	µg/L	Y	—	J	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.88	—	—	0.1	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.44	—	—	0.5	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.61	—	—	0.5	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.17	—	—	0.5	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.2	—	—	0.5	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.53	—	—	0.5	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0394	—	—	0.017	mg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.249	—	—	0.05	mg/L	Y	J	J	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.01	—	—	0.01	mg/L	Y	U	UJ	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.91	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	6.57	—	—	0.05	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	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
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.83	—	—	0.05	mg/L	Y	—	J	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.17	—	—	0.05	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.95	—	—	0.05	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.91	—	—	1.5	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1	µg/L	Y	U	U	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1	µg/L	Y	U	U	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.3	—	—	0.053	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	48.8	—	—	0.053	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	39.2	—	—	0.032	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	37.8	—	—	0.032	mg/L	Y	—	J+	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	19.6	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.3	—	—	0.1	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.4	—	—	0.1	mg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.85	—	—	0.1	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	251	—	—	1	µS/cm	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	101	—	—	1	µS/cm	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	264	—	—	1	µS/cm	Y	—	NQ	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	114	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	264	—	—	1	µS/cm	Y	—	NQ	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	114	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	161	—	—	1	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	124	—	—	1	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	88.4	—	—	1	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	58.6	—	—	1	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.31	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.64	—	—	0.1	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.49	—	—	0.1	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.11	—	—	0.1	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.37	—	—	0.1	mg/L	Y	—	NQ	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	210	—	—	4.8	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	224	—	—	2.4	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	2.4	mg/L	Y	—	J	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	2.38	mg/L	Y	—	NQ	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.465	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106935	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	UJ	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	1.08	—	—	0.033	mg/L	Y	—	J	10-127	CAWA-09-13835	GELC
MSC-16-06294	2.5	04/03/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.458	—	—	0.029	mg/L	Y	—	J+	08-930	CAWA-08-11591	GELC
MSC-16-06294	2.5	10/25/07	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.537	—	—	0.029	mg/L	Y	—	J+	196534	GU07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	13	—	—	0.66	mg/L	Y	—	NQ	2016-512	CAWA-16-106935	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	19.8	—	—	0.66	mg/L	Y	—	NQ	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	20.1	—	—	1.7	mg/L	Y	—	NQ	10-127	CAWA-09-13835	GELC
MSC-16-06294	2.5	04/03/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	13.4	—	—	0.33	mg/L	Y	—	NQ	08-930	CAWA-08-11591	GELC
MSC-16-06294	2.5	10/25/07	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	17.3	—	—	0.33	mg/L	Y	—	NQ	196534	GU07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0939	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.131	—	—	0.015	mg/L	Y	—	U	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.133	—	—	0.015	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.117	—	—	0.024	mg/L	Y	—	NQ	08-930	CAWA-08-11590	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
MSC-16-06294	2.5	10/25/07	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.024	—	—	0.024	mg/L	Y	U	R	196534	GF07100MSC9401	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.145	—	—	0.067	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.387	—	—	0.067	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.157	—	—	0.067	µg/L	Y	J	J	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.329	—	—	0.05	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.86	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.2	—	—	1	µg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.43	—	—	1	µg/L	Y	J	J	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.21	—	—	1	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.8	—	—	1	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.73	—	—	3.3	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.72	—	—	3.3	µg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.04	—	—	3.3	µg/L	Y	J	J	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	20.4	—	—	3.3	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	19.2	—	—	3.3	µg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	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	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	0.725	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.8	—	—	0.725	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.3	—	—	0.725	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.3	—	—	0.725	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.6	—	—	0.725	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.6	—	—	0.725	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.1	—	—	0.725	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.163	—	—	0.017	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0732	—	—	0.017	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0764	—	—	0.017	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0775	—	—	0.017	mg/L	Y	—	U	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0654	—	—	0.017	mg/L	Y	—	U	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.043	—	—	0.017	mg/L	Y	J	U	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.03	—	—	0.017	mg/L	Y	J	U	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21	—	—	1	µg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.6	—	—	1	µg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	9.12	—	—	1	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.9	—	—	1	µg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.2	—	—	1	µg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.93	—	—	0.05	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.82	—	—	0.05	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.81	—	—	0.05	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.37	—	—	0.067	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	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
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.34	—	—	0.067	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.31	—	—	0.067	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.35	—	—	0.067	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.34	—	—	0.067	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.38	—	—	0.067	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.38	—	—	0.067	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0853	—	—	0.033	mg/L	Y	J	J	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0839	—	—	0.033	mg/L	Y	J	J	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0756	—	—	0.033	mg/L	Y	J	J	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0591	—	—	0.033	mg/L	Y	J	J	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0514	—	—	0.033	mg/L	Y	J	J	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0857	—	—	0.033	mg/L	Y	J	J	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0913	—	—	0.033	mg/L	Y	J	J	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.5	—	—	0.453	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.5	—	—	0.453	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.5	—	—	0.453	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.5	—	—	0.453	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38	—	—	0.453	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.58	—	—	0.11	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.46	—	—	0.11	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.54	—	—	0.11	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.34	—	—	0.11	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	0.11	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.33	—	—	0.11	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.29	—	—	0.11	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.461	—	—	0.165	µg/L	Y	J	J	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.466	—	—	0.165	µg/L	Y	J	J	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.469	—	—	0.165	µg/L	Y	J	J	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.459	—	—	0.165	µg/L	Y	J	J	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.844	—	—	0.165	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.432	—	—	0.165	µg/L	Y	J	J	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.397	—	—	0.165	µg/L	Y	J	J	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.599	—	—	0.017	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.591	—	—	0.017	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.575	—	—	0.017	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.62	—	—	0.017	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.592	—	—	0.017	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.624	—	—	0.017	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.608	—	—	0.017	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.262	—	—	0.05	µg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.251	—	—	0.05	µg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.231	—	—	0.05	µg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.237	—	—	0.05	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.272	—	—	0.05	µg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	—	0.05	µg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	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
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.86	—	—	0.0829	µg/L	Y	—	J-	2016-496	CAPA-16-106966	GELC
R-18	1358	07/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.1	—	—	0.0851	µg/L	Y	—	NQ	2015-1916	CAPA-15-100898	GELC
R-18	1358	07/29/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.08	—	—	0.0856	µg/L	Y	—	NQ	2015-1916	CAPA-15-100893	GELC
R-18	1358	05/19/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.53	—	—	0.086	µg/L	Y	—	NQ	2015-1226	CAPA-15-95858	GELC
R-18	1358	01/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.19	—	—	0.0847	µg/L	Y	—	NQ	2015-703	CAPA-15-91482	GELC
R-18	1358	11/20/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.3	—	—	0.0856	µg/L	Y	—	NQ	2015-406	CAPA-15-90312	GELC
R-18	1358	11/20/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.07	—	—	0.0879	µg/L	Y	—	NQ	2015-406	CAPA-15-90314	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64	—	—	0.053	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.5	—	—	0.053	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.9	—	—	0.053	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.4	—	—	0.053	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.2	—	—	0.053	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.2	—	—	0.053	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.9	—	—	0.053	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.23	—	—	0.1	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.85	—	—	0.1	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.68	—	—	0.1	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.62	—	—	0.1	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.69	—	—	0.1	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.47	—	—	0.1	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.41	—	—	0.1	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	3.63	µS/cm	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	3.63	µS/cm	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	3.63	µS/cm	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	107	—	—	3.63	µS/cm	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	3.63	µS/cm	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	107	—	—	3.63	µS/cm	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	106	—	—	3.63	µS/cm	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.6	—	—	1	µg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.6	—	—	1	µg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.3	—	—	1	µg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.9	—	—	1	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.7	—	—	1	µg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.99	—	—	0.133	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.133	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.133	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.96	—	—	0.133	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.06	—	—	0.133	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.05	—	—	0.133	mg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	—	0.133	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	90	—	—	3.4	mg/L	Y	—	J	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	2015-406	CAPA-15-90315	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
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0502	—	—	0.017	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0261	—	—	0.017	mg/L	Y	J	J	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0246	—	—	0.017	mg/L	Y	J	J	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0473	—	—	0.017	mg/L	Y	J	J	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0209	—	—	0.017	mg/L	Y	J	J	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0222	—	—	0.017	mg/L	Y	J	U	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0285	—	—	0.017	mg/L	Y	J	U	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.397	—	—	0.067	µg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.433	—	—	0.067	µg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.378	—	—	0.067	µg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.365	—	—	0.067	µg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.403	—	—	0.067	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.407	—	—	0.067	µg/L	Y	—	NQ	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.424	—	—	0.067	µg/L	Y	—	NQ	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.02	—	—	1	µg/L	Y	J	J	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.58	—	—	1	µg/L	Y	J	J	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.71	—	—	1	µg/L	Y	J	J	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.34	—	—	1	µg/L	Y	J	J	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.91	—	—	1	µg/L	Y	J	J	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.63	—	—	1	µg/L	Y	J	J	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.93	—	—	1	µg/L	Y	J	J	2015-406	CAPA-15-90315	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.19	—	—	3.3	µg/L	Y	J	J	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.46	—	—	3.3	µg/L	Y	J	J	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.38	—	—	3.3	µg/L	Y	J	J	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.27	—	—	3.3	µg/L	Y	J	J	2015-406	CAPA-15-90315	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	1200	—	—	68	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.23	—	—	1	µg/L	Y	J	J	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	0.5	µg/L	Y	U	U	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	0.5	µg/L	Y	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	76.5	—	—	1	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.49	—	—	1	µg/L	Y	J	J	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	34.4	—	—	1	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	32.1	—	—	1	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	27.3	—	—	0.05	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	27.1	—	—	0.05	mg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	25.2	—	—	0.05	mg/L	Y	—	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.26	—	—	2	µg/L	Y	J	J	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.87	—	—	2.5	µg/L	Y	J	J	10-4534	CAWA-10-25783	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
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	95	—	—	1	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	5.41	—	—	1	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	7.3	—	—	1	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	4.63	—	—	1	µg/L	Y	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	4.43	—	—	1	µg/L	Y	J	J	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	8.11	—	—	3	µg/L	Y	J	J	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	98.1	—	—	0.453	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.8	—	—	0.453	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96.3	—	—	0.45	mg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.7	—	—	0.35	mg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.5	—	—	0.35	mg/L	Y	—	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	3150	—	—	30	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	34.2	—	—	30	µg/L	Y	J	J	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	54.8	—	—	30	µg/L	Y	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	0.968	—	—	0.5	µg/L	Y	J	J	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.3	—	—	0.11	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.22	—	—	0.11	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.93	—	—	0.11	mg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6	—	—	0.085	mg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.43	—	—	0.085	mg/L	Y	—	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	1380	—	—	2	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	31.2	—	—	2	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	51.3	—	—	2	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	22	—	—	2	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	12	—	—	2	µg/L	Y	—	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	40.2	—	—	0.165	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.958	—	—	0.165	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.53	—	—	0.17	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.65	—	—	0.1	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.84	—	—	0.1	µg/L	Y	—	J	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.35	—	—	0.5	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.17	—	—	0.5	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.9	—	—	0.5	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.83	—	—	0.5	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.97	—	—	0.5	µg/L	Y	—	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.77	—	—	0.05	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.97	—	—	0.05	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.28	—	—	0.05	mg/L	Y	—	J	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.96	—	—	0.05	mg/L	Y	—	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.94	—	—	0.05	mg/L	Y	E	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	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
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.7	—	—	0.1	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	180	—	—	1	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	125	—	—	1	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	168	—	—	1	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	146	—	—	1	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	156	—	—	1	µg/L	Y	—	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.49	—	—	0.3	µg/L	Y	H	J-	2016-458	CAWA-16-106936	GELC
R-26 PZ-2	150	07/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.03	—	—	0.3	µg/L	Y	—	NQ	2015-1791	CAWA-15-100843	GELC
R-26 PZ-2	150	01/20/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.25	—	—	0.3	µg/L	Y	—	NQ	2015-694	CAWA-15-91339	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	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.715	—	—	0.067	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.239	—	—	0.067	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.355	—	—	0.067	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.374	—	—	0.05	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.318	—	—	0.05	µg/L	Y	—	NQ	10-2679	CAWA-10-15177	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.86	—	—	3.3	µg/L	Y	J	J	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.19	—	—	3.3	µg/L	Y	J	J	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	31.5	—	—	3.3	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.95	—	—	3.3	µg/L	Y	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-2679	CAWA-10-15177	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	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	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	277	—	—	0.725	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.4	—	—	0.725	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.3	—	—	0.725	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.3	—	—	0.725	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.6	—	—	0.725	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.6	—	—	0.725	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.8	—	—	1	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.6	—	—	1	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.5	—	—	1	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	11.5	—	—	1	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	10.5	—	—	1	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8.87	—	—	1	µg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.89	—	—	0.05	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.78	—	—	0.05	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.67	—	—	0.05	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.52	—	—	0.05	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.68	—	—	0.05	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.52	—	—	0.067	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.53	—	—	0.067	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.46	—	—	0.067	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.57	—	—	0.067	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	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
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.58	—	—	0.067	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.73	—	—	0.067	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.08	—	—	2	µg/L	Y	J	J	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.37	—	—	2	µg/L	Y	J	J	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.08	—	—	2	µg/L	Y	J	J	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.26	—	—	2	µg/L	Y	J	J	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0801	—	—	0.033	mg/L	Y	J	J	2016-518	CAWA-16-106956	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0864	—	—	0.033	mg/L	Y	J	J	2016-518	CAWA-16-106919	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0838	—	—	0.033	mg/L	Y	J	J	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.108	—	—	0.066	mg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0769	—	—	0.033	mg/L	Y	J	J	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.107	—	—	0.033	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.453	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.8	—	—	0.453	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.3	—	—	0.453	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.3	—	—	0.453	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.8	—	—	0.453	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36	—	—	0.453	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.02	—	—	0.11	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.14	—	—	0.11	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.96	—	—	0.11	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.91	—	—	0.11	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.87	—	—	0.11	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.18	—	—	2	µg/L	Y	J	J	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.44	—	—	2	µg/L	Y	J	J	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.43	—	—	2	µg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	7.83	—	—	2	µg/L	Y	J	J	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	8.63	—	—	2	µg/L	Y	J	J	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.637	—	—	0.165	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.677	—	—	0.165	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.648	—	—	0.165	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.774	—	—	0.165	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.814	—	—	0.165	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.889	—	—	0.165	µg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.49	—	—	0.5	µg/L	Y	J	J	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.37	—	—	0.5	µg/L	Y	J	J	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.9	—	—	0.5	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.6	—	—	0.5	µg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.77	—	—	0.5	µg/L	Y	J	J	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.42	—	—	0.5	µg/L	Y	J	J	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.237	—	—	0.017	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.219	—	—	0.017	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.261	—	—	0.017	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.338	—	—	0.017	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.288	—	—	0.017	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.318	—	—	0.017	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.252	—	—	0.05	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	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
R-47	1322	07/29/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.264	—	—	0.05	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.266	—	—	0.05	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.259	—	—	0.05	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.278	—	—	0.05	µg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.935	—	—	0.05	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.914	—	—	0.05	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.906	—	—	0.05	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.891	—	—	0.05	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.911	—	—	0.05	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.866	—	—	0.05	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	0.053	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.1	—	—	0.053	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.9	—	—	0.053	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.4	—	—	0.053	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.9	—	—	0.053	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.8	—	—	0.53	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.08	—	—	0.1	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.01	—	—	0.1	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.81	—	—	0.1	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.5	—	—	0.1	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.33	—	—	0.1	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	3.63	µS/cm	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	3.63	µS/cm	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	3.63	µS/cm	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	3.63	µS/cm	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	3.63	µS/cm	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	106	—	—	3.63	µS/cm	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	43.3	—	—	1	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	42.9	—	—	1	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47	—	—	1	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48	—	—	1	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.6	—	—	1	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	44.8	—	—	1	µg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.46	—	—	0.133	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.47	—	—	0.133	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.44	—	—	0.133	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.49	—	—	0.133	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.56	—	—	0.133	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.67	—	—	0.133	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	61.4	—	—	3.4	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	101	—	—	3.4	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	91.4	—	—	3.4	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	—	3.4	mg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.699	—	—	0.33	mg/L	Y	J	J	2016-518	CAWA-16-106937	GELC
R-47	1322	12/14/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.866	—	—	0.33	mg/L	Y	J	J	2016-518	CAWA-16-106917	GELC
R-47	1322	07/29/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.682	—	—	0.33	mg/L	Y	J	J	2015-1917	CAWA-15-100844	GELC
R-47	1322	05/18/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.991	—	—	0.33	mg/L	Y	J	J	2015-1219	CAWA-15-95851	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.34	—	—	0.33	mg/L	Y	—	NQ	2015-675	CAWA-15-91343	GELC
R-47	1322	11/25/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.21	—	—	0.33	mg/L	Y	—	NQ	2015-425	CAWA-15-90398	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
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.477	—	—	0.067	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.462	—	—	0.067	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.411	—	—	0.067	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.564	—	—	0.067	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.593	—	—	0.067	µg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.71	—	—	1	µg/L	Y	J	J	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.67	—	—	1	µg/L	Y	J	J	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.59	—	—	1	µg/L	Y	J	J	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.47	—	—	1	µg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.41	—	—	1	µg/L	Y	J	J	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3	—	—	1	µg/L	Y	J	J	2015-425	CAWA-15-90402	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.8	—	—	3.3	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.3	—	—	3.3	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	23.6	—	—	3.3	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.5	—	—	3.3	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	27.1	—	—	3.3	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	30.1	—	—	3.3	µg/L	Y	—	NQ	2015-425	CAWA-15-90402	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	28.5	—	—	3	µg/L	Y	H	J-	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.5	—	—	0.725	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	278	—	—	68	µg/L	Y	—	J	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0349	0.0101	0.0424	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.41	—	—	1	µg/L	Y	J	J	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.18	—	—	1.7	µg/L	Y	J	J	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.8	—	—	1	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	7.88	—	—	0.05	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.02	1.52	5.27	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.76	—	—	0.067	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.43	1.53	6.31	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.906	2.99	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.933	0.486	1.56	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	28.7	—	—	0.453	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	112	—	—	30	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.19	—	—	0.11	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	6.72	—	—	2	µg/L	Y	J	J	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.61	—	—	0.165	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.37	3.03	11.3	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.329	—	—	0.017	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.249	—	—	0.05	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00471	0.00816	0.0491	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0165	0.0103	0.0491	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.5	19.3	63	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.1	—	—	0.053	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.2	—	—	0.1	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.45	1.8	7.14	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	60.3	—	—	1	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0299	0.103	0.365	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.08	—	—	0.133	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	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
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	42.9	—	—	3.4	mg/L	Y	—	J	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.815	—	—	0.33	mg/L	Y	J	J-	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.03	—	—	0.017	mg/L	Y	J	J	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.068	0.644	2.189	—	pCi/L	Y	U	U	2016-641	CAWA-16-108134	ARSL
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.44	—	—	0.067	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.815	0.0486	0.112	—	pCi/L	Y	—	NQ	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0495	0.0141	0.0814	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.48	0.0377	0.0613	—	pCi/L	Y	—	NQ	2016-635	CAWA-16-108134	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.83	—	—	1	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.02	—	—	3.3	µg/L	Y	J	J	2016-635	CAWA-16-108135	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	J-	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	—	0.01	SU	Y	H	J-	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	J-	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	J-	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.01	—	—	0.01	SU	Y	H	J-	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.12	—	—	0.01	SU	Y	H	J-	09-178	CAWA-08-15937	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	—	0.01	SU	Y	H	J-	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	J-	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	0.725	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	34.1	—	—	0.73	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	34.1	—	—	0.73	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39.4	—	—	0.73	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39.4	—	—	0.73	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.2	—	—	0.73	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	—	0.73	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39.7	—	—	0.73	mg/L	Y	—	NQ	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.2	—	—	0.73	mg/L	Y	—	NQ	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	81.7	—	—	68	µg/L	Y	J	J	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	3760	—	—	68	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	905	—	—	68	µg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	2020	—	—	68	µg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	510	—	—	68	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	405	—	—	68	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	09-178	CAWA-08-15934	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	227	—	—	1	µg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	171	—	—	1	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	96.1	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	96.3	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	133	—	—	1	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	131	—	—	1	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	268	—	—	1	µg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	273	—	—	1	µg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.4	—	—	15	µg/L	Y	J	J	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	11.2	—	—	10	µg/L	Y	J	J	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	09-1405	CAWA-09-5519	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.5	—	—	10	µg/L	Y	J	J	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	23.4	—	—	10	µg/L	Y	J	J	09-178	CAWA-08-15937	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
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.03	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.03	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.5	—	—	0.03	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.1	—	—	0.03	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.2	—	—	0.134	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.8	—	—	0.13	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.9	—	—	0.13	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.9	—	—	0.066	mg/L	Y	—	J+	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.9	—	—	0.066	mg/L	Y	—	J+	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.5	—	—	0.066	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.4	—	—	0.066	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.9	—	—	0.066	mg/L	Y	—	J+	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.9	—	—	0.066	mg/L	Y	—	J+	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.136	—	—	0.033	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.176	—	—	0.033	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.172	—	—	0.033	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.13	—	—	0.033	mg/L	Y	—	NQ	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	—	0.033	mg/L	Y	—	NQ	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.7	—	—	0.453	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.8	—	—	0.45	mg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.2	—	—	0.35	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.5	—	—	0.35	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.2	—	—	0.35	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.8	—	—	0.35	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.7	—	—	0.35	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.8	—	—	0.35	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	12/21/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.305	—	—	0.0847	µg/L	Y	—	NQ	2016-556	CAWA-16-106939	GELC
Water at Beta	—	04/13/11	WS	UF	RE	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.398	—	—	0.1	µg/L	Y	—	J	11-2053	CAWA-11-5398	GELC
Water at Beta	—	04/13/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.388	—	—	0.1	µg/L	N	B	U	11-2053	CAWA-11-5398	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.114	—	—	0.1	µg/L	Y	J	J	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.111	—	—	0.1	µg/L	Y	J	J	10-2656	CAWA-10-14946	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.753	—	—	0.1	µg/L	Y	—	J	09-1404	CAWA-09-5516	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.781	—	—	0.1	µg/L	Y	—	J	09-1404	CAWA-09-5517	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.31	—	—	0.1	µg/L	Y	—	NQ	09-177	CAWA-08-15939	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.95	—	—	0.1	µg/L	Y	—	NQ	09-177	CAWA-08-15936	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	34.2	—	—	30	µg/L	Y	J	J	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	2030	—	—	30	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	437	—	—	30	µg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	963	—	—	30	µg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	207	—	—	25	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	278	—	—	25	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	35.5	—	—	25	µg/L	Y	J	J	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	26.7	—	—	25	µg/L	Y	J	J	09-178	CAWA-08-15934	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.02	—	—	0.11	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	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
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.74	—	—	0.11	mg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.03	—	—	0.085	mg/L	Y	E	J	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.03	—	—	0.085	mg/L	Y	E	J	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.37	—	—	0.085	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.3	—	—	0.085	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.14	—	—	0.085	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.12	—	—	0.085	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.165	µg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.17	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.611	—	—	0.1	µg/L	Y	—	U	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.518	—	—	0.1	µg/L	Y	—	U	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.1	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.1	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.1	µg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.1	µg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0428	—	—	0.017	mg/L	Y	J	J	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.01	mg/L	Y	U	U	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.054	—	—	0.05	mg/L	Y	J	U	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.056	—	—	0.05	mg/L	Y	J	U	09-178	CAWA-08-15934	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	08-991	CAWA-08-11557	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.56	—	—	0.05	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.33	—	—	0.05	mg/L	Y	—	J	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.29	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.39	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.03	—	—	0.05	mg/L	Y	E	J	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.08	—	—	0.05	mg/L	Y	E	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.46	—	—	0.05	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	4.37	—	—	0.05	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	37.5	—	—	0.053	mg/L	Y	N	J-	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.4	—	—	0.053	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	44.3	—	—	0.053	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	36.6	—	—	0.032	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	35.8	—	—	0.032	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	44.1	—	—	0.032	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	43.6	—	—	0.032	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	39.9	—	—	0.032	mg/L	Y	—	NQ	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	40.1	—	—	0.032	mg/L	Y	—	NQ	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.045	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.045	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.7	—	—	0.045	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.9	—	—	0.045	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	10-2657	CAWA-10-14947	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
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µS/cm	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	1	µS/cm	Y	—	NQ	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	1	µS/cm	Y	—	NQ	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	113	—	—	1	µg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.5	—	—	1	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	83.2	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	83.2	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	68.9	—	—	1	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.4	—	—	1	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	113	—	—	1	µg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.35	—	—	0.133	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.72	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.73	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.24	—	—	0.1	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.22	—	—	0.1	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.64	—	—	0.1	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.64	—	—	0.1	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	2.4	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	2.4	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	112	—	—	2.4	mg/L	Y	—	J	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	2.4	mg/L	Y	—	J	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	2.4	mg/L	Y	—	J	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	2.4	mg/L	Y	—	J	09-178	CAWA-08-15937	GELC
Water at Beta	—	04/11/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	135	—	—	2.4	mg/L	Y	—	J	08-991	CAWA-08-11551	GELC
Water at Beta	—	04/11/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	2.4	mg/L	Y	—	J	08-991	CAWA-08-11557	GELC
Water at Beta	—	12/21/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.114	—	—	0.033	mg/L	Y	—	NQ	2016-556	CAWA-16-106939	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-2657	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.169	—	—	0.033	mg/L	Y	—	U	10-2657	CAWA-10-14946	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.092	—	—	0.033	mg/L	Y	J	U	09-1404	CAWA-09-5516	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.311	—	—	0.033	mg/L	Y	—	J	09-1404	CAWA-09-5517	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	U	09-177	CAWA-08-15936	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.153	—	—	0.029	mg/L	Y	—	NQ	09-177	CAWA-08-15939	GELC
Water at Beta	—	04/11/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.301	—	—	0.029	mg/L	Y	—	J-	08-991	CAWA-08-11552	GELC
Water at Beta	—	04/11/08	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.143	—	—	0.029	mg/L	Y	—	J-	08-991	CAWA-08-11556	GELC
Water at Beta	—	12/21/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.16	—	—	0.33	mg/L	Y	—	NQ	2016-556	CAWA-16-106939	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.62	—	—	0.33	mg/L	Y	—	NQ	10-2657	CAWA-10-14946	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.96	—	—	0.33	mg/L	Y	—	NQ	10-2657	CAWA-10-14944	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.82	—	—	0.33	mg/L	Y	—	NQ	09-1404	CAWA-09-5516	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.86	—	—	0.33	mg/L	Y	—	NQ	09-1404	CAWA-09-5517	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.17	—	—	0.33	mg/L	Y	—	NQ	09-177	CAWA-08-15936	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.33	—	—	0.33	mg/L	Y	—	NQ	09-177	CAWA-08-15939	GELC
Water at Beta	—	04/11/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	6.05	—	—	0.33	mg/L	Y	—	NQ	08-991	CAWA-08-11552	GELC
Water at Beta	—	04/11/08	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	6.1	—	—	0.33	mg/L	Y	—	NQ	08-991	CAWA-08-11556	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.164	—	—	0.067	µg/L	Y	J	J	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.127	—	—	0.067	µg/L	Y	J	J	11-2053	CAWA-11-5399	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
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.065	—	—	0.05	µg/L	Y	J	J	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.054	—	—	0.05	µg/L	Y	J	J	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.05	µg/L	Y	U	U	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.05	µg/L	Y	U	U	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	N	0.078	—	—	0.05	µg/L	Y	J	U	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.083	—	—	0.05	µg/L	Y	J	U	09-178	CAWA-08-15934	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.16	—	—	0.01	SU	Y	H	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	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	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.08	—	—	0.01	SU	Y	H	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	0.725	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	0.725	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.9	—	—	0.725	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	—	0.725	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.725	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	950	—	—	68	µg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	227	—	—	68	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	76.3	—	—	68	µg/L	Y	J	J	2015-671	CAWA-15-91349	GELC
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	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00195	0.00754	0.0349	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0165	0.00707	0.0472	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0077	0.054	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.24	—	—	0.0816	µg/L	Y	J	J	2016-889	CAWA-16-110731	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.259	—	—	0.0829	µg/L	Y	U	U	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.54	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-671	CAWA-15-91322	GELC
16-26644	130	08/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.259	—	—	0.0829	µg/L	Y	UH	R	2014-4214	CAWA-14-84586	GELC
16-26644	130	08/05/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.272	—	—	0.087	µg/L	Y	UH	R	2014-4214	CAWA-14-84568	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.296	—	—	0.0816	µg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	12/02/15	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	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.506	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-671	CAWA-15-91322	GELC
16-26644	130	08/05/14	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	UH	R	2014-4214	CAWA-14-84586	GELC
16-26644	130	08/05/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.272	—	—	0.087	µg/L	Y	UH	R	2014-4214	CAWA-14-84568	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	99.8	—	—	1	µg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	52.5	—	—	1	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.3	—	—	1	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-4.61	1.82	4.45	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.884	1.44	5.24	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.922	1.4	5.4	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	22.9	—	—	0.335	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.6	—	—	0.268	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.6	—	—	0.268	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.7	—	—	0.335	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.8	—	—	0.067	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.19	—	—	1	µg/L	Y	J	J	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2015-671	CAWA-15-91349	GELC
16-26644	130	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-4214	CAWA-14-84602	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-4214	CAWA-14-84566	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.576	1.65	6.12	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.45	1.3	5.57	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.00846	1.2	4.7	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.86	—	—	3	µg/L	Y	J	J	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2015-671	CAWA-15-91349	GELC
16-26644	130	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-4214	CAWA-14-84602	GELC
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-4214	CAWA-14-84566	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.654	—	—	0.0816	µg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	N	0.259	—	—	0.0829	µg/L	Y	U	U	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	1.16	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-671	CAWA-15-91322	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	N	0.275	—	—	0.0879	µg/L	Y	U	U	2013-666	CAWA-13-28819	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0687	—	—	0.033	mg/L	Y	J	J	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0976	—	—	0.033	mg/L	Y	J	J	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0842	—	—	0.033	mg/L	Y	J	J	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0952	—	—	0.033	mg/L	Y	J	J	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.46	0.826	2.58	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.482	0.461	1.66	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.731	0.65	2.4	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.203	0.791	2.95	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.45	0.372	1.1	—	pCi/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.62	0.97	3	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.5	—	—	0.453	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60	—	—	0.453	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.1	—	—	0.453	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	03/15/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.16	—	—	0.0816	µg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.107	—	—	0.0829	µg/L	Y	JQ	J	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	6.19	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-671	CAWA-15-91322	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	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	505	—	—	30	µg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	132	—	—	30	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	34.9	—	—	30	µg/L	Y	J	J	2015-671	CAWA-15-91349	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	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.44	—	—	0.11	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.23	—	—	0.11	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.9	—	—	0.11	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.63	—	—	2	µg/L	Y	J	J	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-671	CAWA-15-91349	GELC
16-26644	130	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-4214	CAWA-14-84602	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	08/05/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-4214	CAWA-14-84566	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.747	—	—	0.0816	µg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	N	0.259	—	—	0.0829	µg/L	Y	U	U	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	1.37	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-671	CAWA-15-91322	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	N	0.275	—	—	0.0879	µg/L	Y	U	U	2013-666	CAWA-13-28819	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.548	—	—	0.165	µg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.643	—	—	0.165	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.673	—	—	0.165	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.09	2.85	9.71	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.02	3.05	10.5	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.889	2.4	8.4	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.9	—	—	0.5	µg/L	Y	J	J	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.69	—	—	0.5	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.59	—	—	0.5	µg/L	Y	J	J	2015-671	CAWA-15-91349	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	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.085	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.787	—	—	0.017	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.697	—	—	0.017	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.855	—	—	0.085	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.849	—	—	0.017	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.435	—	—	0.05	µg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.453	—	—	0.05	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.433	—	—	0.05	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.431	—	—	0.05	µg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.46	—	—	0.05	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-3.86E-10	0.00464	0.0367	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00256	0.00769	0.033	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00263	0.0026	0.043	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00695	0.00898	0.0337	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	1.71E-09	0.0081	0.0752	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00263	0.0069	0.034	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.19	—	—	0.05	mg/L	Y	E	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.92	—	—	0.05	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.71	—	—	0.05	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.92	17.6	68.7	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.4	18.6	82.8	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.75	18	70	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	22.9	—	—	0.408	µg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.87	—	—	0.0829	µg/L	Y	—	NQ	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	49.3	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	07/20/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	43.8	—	—	0.437	µg/L	N	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.42	—	—	0.0842	µg/L	Y	—	NQ	2015-671	CAWA-15-91322	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	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.9	—	—	0.053	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.8	—	—	0.053	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.6	—	—	0.053	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	43.8	—	—	0.053	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	49	—	—	0.053	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.7	—	—	0.1	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.4	—	—	0.1	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.33	1.39	4.95	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.57	1.44	6.33	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.17	1.5	5.2	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	222	—	—	3.63	µS/cm	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	3.63	µS/cm	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	104	—	—	1	µg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	93.7	—	—	1	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.4	—	—	1	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	03/15/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.15	0.131	0.497	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.314	0.151	0.489	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.337	0.15	0.48	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.88	—	—	0.133	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.65	—	—	0.133	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.09	—	—	0.133	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.93	—	—	0.133	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.62	—	—	0.133	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	2.09	—	—	0.3	µg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	2.62	—	—	0.3	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	3.51	—	—	0.3	µg/L	Y	H	J-	2015-671	CAWA-15-91322	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	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.56	—	—	0.45	µg/L	Y	J	J	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2015-671	CAWA-15-91349	GELC
16-26644	130	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	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	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2014-4214	CAWA-14-84566	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	1.06	—	—	0.0816	µg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	N	0.259	—	—	0.0829	µg/L	Y	U	U	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	1.92	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-671	CAWA-15-91322	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	N	0.275	—	—	0.0879	µg/L	Y	U	U	2013-666	CAWA-13-28819	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.73	—	—	0.33	mg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	12/02/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.83	—	—	0.33	mg/L	Y	J	J	2016-440	CAWA-16-106921	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.675	—	—	0.33	mg/L	Y	J	J	2015-671	CAWA-15-91322	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.16	—	—	0.33	mg/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.9	—	—	0.33	mg/L	Y	J	J	2013-666	CAWA-13-28819	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0397	—	—	0.017	mg/L	Y	J	J	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0308	—	—	0.017	mg/L	Y	J	J	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0409	—	—	0.017	mg/L	Y	J	J	2015-671	CAWA-15-91349	GELC
16-26644	130	03/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.133	—	—	0.017	mg/L	Y	—	U	2014-2943	CAWA-14-54753	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0203	—	—	0.017	mg/L	Y	J	J	2013-666	CAWA-13-28845	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.85	—	—	0.3	µg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	2.27	—	—	0.3	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	2.5	—	—	0.3	µg/L	Y	H	J-	2015-671	CAWA-15-91322	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	03/15/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	5.29	—	—	0.0816	µg/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	12/02/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.182	—	—	0.0829	µg/L	Y	J	J	2016-440	CAWA-16-106921	GELC
16-26644	130	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	9.31	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100827	GELC
16-26644	130	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.263	—	—	0.0842	µg/L	Y	U	U	2015-671	CAWA-15-91322	GELC
16-26644	130	08/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.259	—	—	0.0829	µg/L	Y	UH	R	2014-4214	CAWA-14-84586	GELC
16-26644	130	08/05/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.272	—	—	0.087	µg/L	Y	UH	R	2014-4214	CAWA-14-84568	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.421	—	—	0.067	µg/L	Y	—	NQ	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.537	—	—	0.067	µg/L	Y	—	NQ	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.6	—	—	0.067	µg/L	Y	—	NQ	2015-671	CAWA-15-91349	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	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.302	0.0397	0.172	—	pCi/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.35	0.0289	0.0377	—	pCi/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.433	0.045	0.043	—	pCi/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00775	0.0122	0.11	—	pCi/L	Y	U	U	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00843	0.00743	0.0359	—	pCi/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00352	0.0061	0.038	—	pCi/L	Y	U	U	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.137	0.0266	0.11	—	pCi/L	Y	—	NQ	2016-889	CAWA-16-110731	GELC
16-26644	130	03/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.173	0.0203	0.0352	—	pCi/L	Y	—	NQ	2014-2943	CAWA-14-54732	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.222	0.03	0.037	—	pCi/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.68	—	—	1	µg/L	Y	J	J	2016-889	CAWA-16-110762	GELC
16-26644	130	12/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.5	—	—	1	µg/L	Y	J	J	2016-440	CAWA-16-106940	GELC
16-26644	130	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.95	—	—	1	µg/L	Y	J	J	2015-671	CAWA-15-91349	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
Between E252 and Water at Beta	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.9	—	—	0.725	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	0.725	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	—	0.725	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.7	—	—	0.725	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	384	—	—	68	µg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	127	—	—	68	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	464	—	—	68	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	Y	352	—	—	68	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00439	0.00538	0.0411	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00635	0.00635	0.0602	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00265	0.0121	0.0754	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0422	—	—	0.017	mg/L	Y	J	J	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0406	—	—	0.017	mg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.146	—	—	0.017	mg/L	Y	—	J	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.273	—	—	0.017	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	54.9	—	—	1	µg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	61.4	—	—	1	µg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	77.5	—	—	1	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	75.9	—	—	1	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	Y	0.156	—	—	0.156	µg/L	Y	J	J	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	03/29/16	WS	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(g,h,i)perylene	191-24-2	N	0.102	—	—	0.0306	µg/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.5	—	—	0.15	µg/L	Y	U	U	2015-1876	CAWA-15-100828	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(g,h,i)perylene	191-24-2	N	0.103	—	—	0.0309	µg/L	Y	U	U	2015-1876	CAWA-15-100828	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.515	—	—	0.155	µg/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	SVOC	SW-846:8270DGCMS_SIM	Benzo(g,h,i)perylene	191-24-2	N	0.102	—	—	0.0306	µg/L	Y	U	UJ	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	RE	REG	SVOC	SW-846:8310	Benzo(g,h,i)perylene	191-24-2	N	0.0532	—	—	0.017	µg/L	N	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	08/14/14	WS	UF	INIT	REG	SVOC	SW-846:8310	Benzo(g,h,i)perylene	191-24-2	N	0.0521	—	—	0.0167	µg/L	Y	U	U	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(g,h,i)perylene	191-24-2	N	1	—	—	0.3	µg/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(g,h,i)perylene	191-24-2	N	1	—	—	0.2	µg/L	Y	U	U	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15	—	—	0.05	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.9	—	—	0.05	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.67	1.49	4.23	—	pCi/L	Y	UI	R	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.39	1.43	5.82	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.521	1.3	4.53	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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
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	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.7	—	—	0.134	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.8	—	—	0.134	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.83	—	—	0.067	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.85	—	—	0.067	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.554	1.41	5.01	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.654	1.33	5.63	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.93	1.2	5.24	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
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	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.102	—	—	0.033	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.115	—	—	0.033	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.159	0.737	2.97	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.446	0.566	2.93	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.241	0.636	2.7	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.87	0.945	2.74	—	pCi/L	Y	—	NQ	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.5	0.992	2.9	—	pCi/L	Y	—	NQ	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.04	1.01	2.95	—	pCi/L	Y	—	NQ	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.2	—	—	0.453	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.8	—	—	0.453	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.1	—	—	0.453	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.4	—	—	0.453	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	172	—	—	30	µg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	70.8	—	—	30	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	245	—	—	30	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	185	—	—	30	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.29	—	—	0.11	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.35	—	—	0.11	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.37	—	—	0.11	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.35	—	—	0.11	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.165	µg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.165	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.93	2.76	9.61	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.346	2.86	10.3	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.02	2.48	9.39	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0724	—	—	0.017	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.127	—	—	0.017	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.124	—	—	0.017	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-4376	CAWA-14-84622	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0183	—	—	0.017	mg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	03/29/16	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.23	—	—	0.05	µg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0703	—	—	0.05	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.147	—	—	0.05	µg/L	Y	J	J	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.14	—	—	0.05	µg/L	Y	J	J	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	03/29/16	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00588	0.046	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00832	0.0399	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00678	0.0075	0.0375	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00959	0.00831	0.0436	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0072	0.00635	0.0531	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00226	0.00749	0.05	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.17	—	—	0.05	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.54	—	—	0.05	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.52	—	—	0.05	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	4.5	—	—	0.05	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.69	19.3	69.9	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-5.85	16.7	65.6	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.04	13.2	44.3	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.3	—	—	0.053	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.4	—	—	0.053	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.2	—	—	0.053	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.6	—	—	0.053	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.606	1.61	5.23	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.1	1.65	5.71	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.84	1.31	3.83	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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
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	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	3.63	µS/cm	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	160	—	—	3.63	µS/cm	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	3.63	µS/cm	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	3.63	µS/cm	Y	—	NQ	2015-1876	CAWA-15-100850	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Between E252 and Water at Beta	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	75.2	—	—	1	µg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.7	—	—	1	µg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	2015-1876	CAWA-15-100803	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	—	03/29/16	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0491	0.133	0.481	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.236	0.148	0.489	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0454	0.123	0.442	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.62	—	—	0.133	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.74	—	—	0.133	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.82	—	—	0.133	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.82	—	—	0.133	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.12	—	—	2.5	µg/L	Y	J	J	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.77	—	—	2.5	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	90	—	—	3.4	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	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	—	03/29/16	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.41	—	—	0.33	mg/L	Y	—	NQ	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	12/10/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.22	—	—	0.33	mg/L	Y	—	NQ	2016-508	CAWA-16-106922	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.9	—	—	0.33	mg/L	Y	—	NQ	2015-1876	CAWA-15-100828	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.83	—	—	0.33	mg/L	Y	—	NQ	2015-1876	CAWA-15-100801	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	—	03/29/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0558	—	—	0.017	mg/L	Y	—	NQ	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0658	—	—	0.017	mg/L	Y	—	NQ	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0685	—	—	0.017	mg/L	Y	—	NQ	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0725	—	—	0.017	mg/L	Y	—	NQ	2015-1876	CAWA-15-100803	GELC
Between E252 and Water at Beta	—	08/14/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0713	—	—	0.017	mg/L	Y	—	U	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.101	—	—	0.017	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	03/29/16	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0168	0.00968	0.11	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0565	0.0145	0.12	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0335	0.0139	0.114	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0276	0.0109	0.0756	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0299	0.011	0.0794	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00779	0.076	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	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	—	03/29/16	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0503	0.0125	0.0719	—	pCi/L	Y	U	U	2016-965	CAWA-16-110732	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0726	0.015	0.0749	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100801	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0386	0.0106	0.0717	—	pCi/L	Y	U	U	2015-1876	CAWA-15-100828	GELC
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	—	03/29/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.12	—	—	1	µg/L	Y	J	J	2016-965	CAWA-16-110763	GELC
Between E252 and Water at Beta	—	12/10/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.74	—	—	1	µg/L	Y	J	J	2016-508	CAWA-16-106941	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.04	—	—	1	µg/L	Y	J	J	2015-1876	CAWA-15-100850	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.86	—	—	1	µg/L	Y	J	J	2015-1876	CAWA-15-100803	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
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	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	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.39	—	—	0.01	SU	Y	H	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.3	—	—	0.725	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.3	—	—	0.725	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.3	—	—	0.725	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	—	0.725	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.8	—	—	0.725	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69	—	—	0.725	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	731	—	—	68	µg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	Y	1040	—	—	68	µg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	695	—	—	68	µg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	813	—	—	68	µg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00234	0.00523	0.0438	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0321	0.0102	0.0462	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0025	0.00559	0.05	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00886	0.0122	0.0405	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00684	0.0469	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00329	0.0028	0.039	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0229	0.0086	0.03	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.0938	—	—	0.0833	µg/L	Y	J	J	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.102	—	—	0.0874	µg/L	Y	J	J	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	07/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.168	—	—	0.0847	µg/L	Y	J	J	2015-1741	CAPA-15-100897	GELC
Bulldog Spring	—	01/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.308	—	—	0.0847	µg/L	Y	—	NQ	2015-686	CAPA-15-91481	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	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.123	—	—	0.017	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.269	—	—	0.017	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.138	—	—	0.017	mg/L	Y	—	U	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.11	—	—	0.017	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog 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	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0539	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	1.78	—	—	1.7	µg/L	Y	J	J	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-4351	CAPA-14-84560	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	57.9	—	—	1	µg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	59.8	—	—	1	µg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	71.6	—	—	1	µg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	56.6	—	—	1	µg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.1	—	—	15	µg/L	Y	J	J	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	20.2	—	—	15	µg/L	Y	J	J	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.6	—	—	15	µg/L	Y	J	J	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.8	—	—	15	µg/L	Y	J	J	2015-686	CAPA-15-91483	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	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.472	1.07	3.9	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.08	1.24	4.19	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.149	1.28	4.6	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.362	1.57	5.87	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.107	1.33	4.73	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.219	1.3	4.3	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.16	1.6	5.1	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.4	—	—	0.335	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.5	—	—	0.335	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	22.4	—	—	0.335	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.1	—	—	0.134	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.9	—	—	0.134	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.1	—	—	0.067	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.28	1.14	4.45	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0272	1.19	4.04	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.885	1.41	5.1	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.11	1.62	6.2	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.711	1.42	5.27	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.784	0.8	2.2	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.44	1.5	5.2	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.244	—	—	0.033	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.239	—	—	0.033	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.289	—	—	0.033	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	—	0.033	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.381	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.72	1.11	2.92	—	pCi/L	Y	—	NQ	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.813	0.689	2.99	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.7	0.812	2.4	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.165	0.308	2.13	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.389	0.519	2.18	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.08	0.79	2.6	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.32	0.78	2.3	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.07	0.654	1.94	—	pCi/L	Y	—	NQ	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.12	0.545	1.7	—	pCi/L	Y	—	NQ	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.646	0.436	1.44	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.45	1.05	2.81	—	pCi/L	Y	—	NQ	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.42	0.944	2.8	—	pCi/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.9	0.85	2.6	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.23	0.98	3	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60	—	—	0.453	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.3	—	—	0.453	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.4	—	—	0.453	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.65	—	—	0.0833	µg/L	Y	—	NQ	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.97	—	—	0.0874	µg/L	Y	—	NQ	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	07/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.8	—	—	0.0847	µg/L	Y	—	NQ	2015-1741	CAPA-15-100897	GELC
Bulldog Spring	—	01/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.49	—	—	0.0847	µg/L	Y	—	NQ	2015-686	CAPA-15-91481	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
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	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	344	—	—	30	µg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	488	—	—	30	µg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	349	—	—	30	µg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	405	—	—	30	µg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.52	—	—	0.11	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.43	—	—	0.11	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.39	—	—	0.11	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.38	—	—	0.11	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.922	—	—	0.165	µg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.918	—	—	0.165	µg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.842	—	—	0.165	µg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.165	µg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.94	2.05	7.62	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.48	2.82	8.6	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.09	2.66	10	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.93	3.41	12.2	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.92	2.55	9.59	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.55	2.6	8.1	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	12.9	11	39	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.017	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	—	0.017	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	—	0.085	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	—	0.085	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.92	—	—	0.017	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.871	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.748	—	—	0.05	µg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.721	—	—	0.05	µg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.66	—	—	0.05	µg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.835	—	—	0.05	µg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.537	—	—	0.05	µg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.902	—	—	0.05	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.903	—	—	0.05	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00587	0.00649	0.0375	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00454	0.00556	0.0436	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00314	0.00701	0.0404	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00475	0.0226	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0077	0.0172	0.0259	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0022	0.0022	0.025	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0066	0.0044	0.037	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00391	0.00677	0.0355	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00454	0.00718	0.0413	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0125	0.00768	0.0921	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0134	0.00822	0.0404	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-3.85E-09	0.0144	0.0464	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0154	0.0073	0.043	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0022	0.036	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.26	—	—	0.05	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.16	—	—	0.05	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.2	—	—	0.05	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.98	—	—	0.05	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.01	14.5	54.8	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	12.2	18.3	49.4	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.2	15.5	58	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.3	15.8	57	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-7.51	17.4	70.8	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.44	17	55	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.25	19	67	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.33	—	—	0.0833	µg/L	Y	—	NQ	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.23	—	—	0.0874	µg/L	Y	—	NQ	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	07/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.61	—	—	0.0847	µg/L	Y	—	NQ	2015-1741	CAPA-15-100897	GELC
Bulldog Spring	—	01/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	6.53	—	—	0.0847	µg/L	Y	—	NQ	2015-686	CAPA-15-91481	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	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.7	—	—	0.053	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.9	—	—	0.053	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.6	—	—	0.053	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.3	—	—	0.053	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	49.3	—	—	0.053	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55	—	—	0.053	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.3	—	—	0.1	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.7	—	—	0.1	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.6	—	—	0.1	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.233	1.08	3.87	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.24	1.15	3.95	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.93	1.25	3.64	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.06	1.41	4.59	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.944	1.16	4.97	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.403	0.99	3.5	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.99	1.2	4.5	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239	—	—	3.63	µS/cm	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237	—	—	3.63	µS/cm	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	3.63	µS/cm	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210	—	—	3.63	µS/cm	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	—	1	µS/cm	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	229	—	—	1	µS/cm	Y	—	NQ	2013-680	CAWA-13-28846	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.4	—	—	1	µg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	113	—	—	1	µg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
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	—	03/30/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.322	0.122	0.485	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.16	0.132	0.489	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.195	0.146	0.488	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0189	0.133	0.49	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0358	0.14	0.495	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.135	0.13	0.44	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.107	0.12	0.4	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.5	—	—	0.133	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.5	—	—	0.133	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.3	—	—	0.133	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.5	—	—	0.133	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.66	—	—	0.133	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.48	—	—	0.133	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.603	—	—	0.45	µg/L	Y	J	J	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2014-4351	CAPA-14-84560	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.76	—	—	0.33	mg/L	Y	—	NQ	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.67	—	—	0.33	mg/L	Y	—	NQ	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	07/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.25	—	—	0.33	mg/L	Y	—	J-	2015-1741	CAPA-15-100897	GELC
Bulldog Spring	—	01/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.53	—	—	0.33	mg/L	Y	—	NQ	2015-686	CAPA-15-91481	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.84	—	—	0.33	mg/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.44	—	—	0.33	mg/L	Y	—	NQ	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0705	—	—	0.017	mg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0575	—	—	0.017	mg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0341	—	—	0.017	mg/L	Y	J	J	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0278	—	—	0.017	mg/L	Y	J	J	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.489	—	—	0.017	mg/L	Y	—	NQ	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.218	—	—	0.067	µg/L	Y	—	NQ	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.21	—	—	0.067	µg/L	Y	—	NQ	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.311	—	—	0.067	µg/L	Y	—	NQ	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.382	—	—	0.067	µg/L	Y	—	NQ	2015-686	CAPA-15-91483	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	—	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.186	0.0227	0.101	—	pCi/L	Y	—	NQ	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.201	0.021	0.0786	—	pCi/L	Y	—	NQ	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.263	0.03	0.05	—	pCi/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.3	0.0341	0.0865	—	pCi/L	Y	—	J	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.299	0.031	0.0755	—	pCi/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.136	0.019	0.035	—	pCi/L	Y	—	NQ	11-94	CAPA-10-26883	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.267	0.032	0.083	—	pCi/L	Y	—	NQ	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0295	0.0092	0.0538	—	pCi/L	Y	U	U	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0378	0.0126	0.069	—	pCi/L	Y	U	U	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0299	0.0118	0.0477	—	pCi/L	Y	U	U	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0194	0.0103	0.0311	—	pCi/L	Y	U	U	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00339	0.00758	0.0271	—	pCi/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00516	0.0037	0.027	—	pCi/L	Y	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00864	0.012	0.042	—	pCi/L	Y	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.101	0.015	0.0512	—	pCi/L	Y	—	NQ	2016-973	CAPA-16-110842	GELC
Bulldog Spring	—	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0943	0.0178	0.0656	—	pCi/L	Y	—	NQ	2016-973	CAPA-16-110846	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.136	0.0207	0.0467	—	pCi/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.201	0.0263	0.0546	—	pCi/L	Y	—	J	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.214	0.0257	0.0476	—	pCi/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.125	0.019	0.021	—	pCi/L	Y	—	NQ	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.226	0.03	0.05	—	pCi/L	Y	—	NQ	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.98	—	—	1	µg/L	Y	J	J	2016-973	CAPA-16-110843	GELC
Bulldog Spring	—	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.77	—	—	1	µg/L	Y	J	J	2016-973	CAPA-16-110848	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.86	—	—	1	µg/L	Y	J	J	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.55	—	—	1	µg/L	Y	J	J	2015-686	CAPA-15-91483	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
Burning Ground Spring	—	03/25/16	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	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.43	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.2	—	—	0.725	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.3	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.725	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70	—	—	0.725	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	986	—	—	68	µg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	289	—	—	68	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	305	—	—	68	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	139	—	—	68	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	150	—	—	68	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.026	0.0138	0.0974	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00651	0.00485	0.0417	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00226	0.0104	0.0435	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00415	0.00587	0.0416	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00344	0.0042	0.034	—	pCi/L	Y	U	UJ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.013	0.0076	0.036	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.164	—	—	0.0856	µg/L	Y	J	J	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.171	—	—	0.0851	µg/L	Y	JQ	J	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.461	—	—	0.0856	µg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.353	—	—	0.0847	µg/L	Y	—	J+	2015-734	CAWA-15-91323	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	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.11	—	—	0.0856	µg/L	Y	J	J	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.0862	—	—	0.0851	µg/L	Y	J	J	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.25	—	—	0.0856	µg/L	Y	J	J	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.275	—	—	0.0847	µg/L	Y	—	NQ	2015-734	CAWA-15-91323	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	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0391	—	—	0.017	mg/L	Y	J	J	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0391	—	—	0.017	mg/L	Y	J	U	2016-512	CAWA-16-106942	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0687	—	—	0.017	mg/L	Y	—	U	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0751	—	—	0.017	mg/L	Y	—	J+	2015-734	CAWA-15-91350	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	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	163	—	—	1	µg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	178	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	195	—	—	1	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	171	—	—	1	µg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	168	—	—	1	µg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	202	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.423	1.21	4.53	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.18	1.62	5.98	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.34	1.36	4.82	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.24	1.18	4.11	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	5.12	2.8	4.5	—	pCi/L	Y	UI	R	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.04	1.9	5.9	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.1	—	—	0.335	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.1	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.3	—	—	0.335	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.9	—	—	0.335	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.96	—	—	2	µg/L	Y	J	J	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.31	—	—	2	µg/L	Y	J	J	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.53	—	—	2	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.11	—	—	2	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.65	0.968	4.06	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.54	1.73	7.05	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.503	1.33	5.28	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.12	1.41	5.68	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.45	1.2	4.2	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.39	1.9	5.3	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.0909	—	—	0.0856	µg/L	Y	J	J	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.178	—	—	0.0856	µg/L	Y	J	J	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.194	—	—	0.0847	µg/L	Y	J	J	2015-734	CAWA-15-91323	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.175	—	—	0.092	µg/L	Y	JQ	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	DNX	DNX	Y	0.133	—	—	0.0889	µg/L	Y	J	J	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.132	—	—	0.033	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.143	—	—	0.033	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.586	0.794	2.95	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.82	1.04	2.87	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.625	0.79	2.97	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.75	0.998	2.82	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.38	0.74	2	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.985	0.64	1.9	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.3	0.357	1.05	—	pCi/L	Y	—	NQ	2016-959	CAWA-16-110733	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.57	0.429	1.31	—	pCi/L	Y	—	NQ	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.58	0.428	1.24	—	pCi/L	Y	—	J	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.82	0.393	1.22	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.2	1.2	2.9	—	pCi/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.9	0.73	2.1	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.5	—	—	0.453	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.2	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.5	—	—	0.453	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63	—	—	0.453	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77	—	—	0.453	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.3	—	—	0.0856	µg/L	Y	—	NQ	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.914	—	—	0.0851	µg/L	Y	—	NQ	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.32	—	—	0.0856	µg/L	Y	Q	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.77	—	—	0.0847	µg/L	Y	—	NQ	2015-734	CAWA-15-91323	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	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	455	—	—	30	µg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	127	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	143	—	—	30	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	53.4	—	—	30	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	91.5	—	—	30	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	33	—	—	30	µg/L	Y	J	J	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.86	—	—	0.11	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.13	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.15	—	—	0.11	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.05	—	—	0.11	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.12	—	—	0.11	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.05	—	—	2	µg/L	Y	J	J	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.16	—	—	0.0856	µg/L	Y	J	J	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	1.69	—	—	0.0856	µg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.253	—	—	0.0847	µg/L	Y	J	J	2015-734	CAWA-15-91323	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.169	—	—	0.092	µg/L	Y	JQ	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	MNX	MNX	Y	0.209	—	—	0.0889	µg/L	Y	J	J	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.692	—	—	0.165	µg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.697	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.64	—	—	0.165	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.663	—	—	0.165	µg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.607	—	—	0.165	µg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.905	—	—	0.165	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.63	2.45	8.25	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.62	3.04	11.4	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.75	2.55	9.25	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.39	2.46	8.53	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.15	2.9	11	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.31	3	10	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.38	—	—	0.5	µg/L	Y	J	J	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.17	—	—	0.5	µg/L	Y	J	J	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.2	—	—	0.5	µg/L	Y	J	J	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.25	—	—	0.5	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.16	—	—	0.5	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.621	—	—	0.5	µg/L	Y	J	J	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	—	0.085	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.76	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.49	—	—	0.017	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.53	—	—	0.085	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.585	—	—	0.05	µg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.716	—	—	0.05	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.532	—	—	0.05	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.717	—	—	0.05	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00405	0.0064	0.0388	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00407	0.00643	0.0275	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00197	0.00592	0.0267	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0074	0.0389	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00668	0.0081	0.043	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00555	0.0048	0.028	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0202	0.0114	0.0367	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00643	0.0345	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00395	0.00624	0.0335	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00302	0.00675	0.0886	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00455	0.0055	0.034	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00555	0.0079	0.053	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.08	—	—	0.05	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.1	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.33	—	—	0.05	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.04	—	—	0.05	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.99	—	—	0.05	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.39	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.37	21.9	48.1	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	23.8	21.8	47.7	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.3	19.2	58.7	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-34.1	18.9	56.4	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.21	14	54	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16	25	91	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	14.6	—	—	0.214	µg/L	Y	—	NQ	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	12/12/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	10.8	—	—	0.213	µg/L	Y	—	NQ	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	51.1	—	—	1.07	µg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18.8	—	—	0.212	µg/L	Y	—	NQ	2015-734	CAWA-15-91323	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	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.3	—	—	0.053	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.6	—	—	0.053	mg/L	Y	—	J-	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.2	—	—	0.053	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.7	—	—	0.053	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.9	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	20.6	—	—	0.1	mg/L	Y	E	NQ	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.76	1.22	4.38	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.528	1.6	6.12	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.507	1.21	4.58	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.2	1.12	3.53	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.38	1.1	4.9	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.12	1.6	4.5	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	3.63	µS/cm	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	3.63	µS/cm	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	3.63	µS/cm	Y	—	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	122	—	—	1	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	108	—	—	1	µg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	136	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0432	0.133	0.479	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.113	0.136	0.477	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0252	0.111	0.428	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0355	0.0928	0.377	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.188	0.15	0.48	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0707	0.13	0.48	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.58	—	—	0.133	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.02	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.133	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.04	—	—	0.133	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.53	—	—	0.3	µg/L	Y	—	NQ	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.12	—	—	0.3	µg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.42	—	—	0.3	µg/L	Y	H	J-	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.48	—	—	0.3	µg/L	Y	HJ	J-	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.93	—	—	0.3	µg/L	Y	—	J-	2015-734	CAWA-15-91323	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	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.151	—	—	0.0856	µg/L	Y	JQ	J	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.241	—	—	0.0856	µg/L	Y	J	J	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.353	—	—	0.0847	µg/L	Y	—	NQ	2015-734	CAWA-15-91323	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.25	—	—	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	TNX	TNX	Y	0.276	—	—	0.0889	µg/L	Y	J	J	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	J	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	2015-734	CAWA-15-91350	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	—	03/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0465	—	—	0.033	mg/L	Y	J	J	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	12/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.115	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.318	—	—	0.033	mg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.196	—	—	0.033	mg/L	Y	—	NQ	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.23	—	—	0.033	mg/L	Y	—	NQ	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.191	—	—	0.033	mg/L	Y	—	J	2015-734	CAWA-15-91323	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.42	—	—	0.33	mg/L	Y	—	NQ	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	12/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.46	—	—	0.33	mg/L	Y	—	NQ	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.59	—	—	0.33	mg/L	Y	—	J-	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.54	—	—	0.33	mg/L	Y	—	NQ	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.6	—	—	0.33	mg/L	Y	—	NQ	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.963	—	—	0.33	mg/L	Y	J	J	2015-734	CAWA-15-91323	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0586	—	—	0.017	mg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0487	—	—	0.017	mg/L	Y	J	J	2016-512	CAWA-16-106942	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.042	—	—	0.017	mg/L	Y	J	J	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.069	—	—	0.017	mg/L	Y	—	U	2015-734	CAWA-15-91350	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	—	03/25/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.28	—	—	0.3	µg/L	Y	—	NQ	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.98	—	—	0.3	µg/L	Y	J	J	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.2	—	—	0.3	µg/L	Y	H	J-	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.57	—	—	0.3	µg/L	Y	HJ	J-	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.62	—	—	0.3	µg/L	Y	—	J-	2015-734	CAWA-15-91323	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	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.452	—	—	0.0856	µg/L	Y	—	NQ	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.178	—	—	0.0851	µg/L	Y	J	J	2016-512	CAWA-16-106923	GELC
Burning Ground Spring	—	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.507	—	—	0.0856	µg/L	Y	—	NQ	2015-1842	CAWA-15-100829	GELC
Burning Ground Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.562	—	—	0.0847	µg/L	Y	—	NQ	2015-734	CAWA-15-91323	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	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.277	—	—	0.067	µg/L	Y	—	NQ	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.335	—	—	0.067	µg/L	Y	—	NQ	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.307	—	—	0.067	µg/L	Y	—	NQ	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.269	—	—	0.067	µg/L	Y	—	NQ	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.308	—	—	0.067	µg/L	Y	—	NQ	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.896	—	—	0.067	µg/L	Y	—	NQ	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.227	0.0241	0.0954	—	pCi/L	Y	—	NQ	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.255	0.0245	0.0575	—	pCi/L	Y	—	J	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.0236	0.068	—	pCi/L	Y	—	NQ	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.248	0.0276	0.0466	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.665	0.065	0.05	—	pCi/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.451	0.052	0.065	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0328	0.0108	0.0653	—	pCi/L	Y	U	U	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.035	0.0104	0.0364	—	pCi/L	Y	U	U	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0604	0.0152	0.043	—	pCi/L	Y	—	NQ	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0104	0.0104	0.0445	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0284	0.014	0.044	—	pCi/L	Y	U	U	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00444	0.0077	0.047	—	pCi/L	Y	U	U	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.104	0.0162	0.0621	—	pCi/L	Y	—	NQ	2016-959	CAWA-16-110733	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.144	0.019	0.0409	—	pCi/L	Y	—	NQ	2015-1432	CAWA-15-99462	GELC
Burning Ground Spring	—	06/18/15	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.021	0.0483	—	pCi/L	Y	—	NQ	2015-1432	CAWA-15-99463	GELC
Burning Ground Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.18	0.0229	0.0436	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.44	0.048	0.042	—	pCi/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.352	0.045	0.056	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27048	GELC
Burning Ground Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.76	—	—	1	µg/L	Y	J	J	2016-959	CAWA-16-110764	GELC
Burning Ground Spring	—	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.77	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106942	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.56	—	—	1	µg/L	Y	J	J	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.26	—	—	1	µg/L	Y	J	J	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.2	—	—	1	µg/L	Y	J	J	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.28	—	—	1	µg/L	Y	J	J	2015-734	CAWA-15-91350	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	J-	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	0.725	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.8	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.7	—	—	0.725	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.1	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	193	—	—	0.73	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0107	0.00566	0.0335	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00236	0.00783	0.0473	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00913	0.0873	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00178	0.004	0.03	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00845	0.0042	0.035	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.155	—	—	0.0865	µg/L	Y	J	J	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	12/11/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.133	—	—	0.0865	µg/L	Y	J	J	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.216	—	—	0.0865	µg/L	Y	J	J	2015-1749	CAWA-15-100830	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	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0598	—	—	0.017	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0404	—	—	0.017	mg/L	Y	J	U	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0442	—	—	0.017	mg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.128	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.151	—	—	0.016	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2500	—	—	1	µg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2730	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	03/28/16	WS	UF	RE	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(k)fluoranthene	207-08-9	N	0.104	—	—	0.0313	µg/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	Y	0.211	—	—	0.167	µg/L	Y	J	J	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(k)fluoranthene	207-08-9	N	0.1	—	—	0.03	µg/L	Y	U	UJ	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	SVOC	SW-846:8310	Benzo(k)fluoranthene	207-08-9	N	0.0258	—	—	0.00825	µg/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1	—	—	0.3	µg/L	Y	U	U	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1	—	—	0.3	µg/L	Y	U	U	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1	—	—	0.2	µg/L	Y	U	U	10-4476	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.1	—	—	15	µg/L	Y	J	J	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.2	—	—	15	µg/L	Y	J	J	2016-512	CAWA-16-106943	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	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20	—	—	0.05	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	03/28/16	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.855	1.4	5.39	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.42	1.81	6.9	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.72	1.45	5.48	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.927	1.8	5.7	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.446	2	6.6	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	22.5	—	—	0.335	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.8	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.4	—	—	0.335	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.7	—	—	0.335	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.9	—	—	0.066	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.84	—	—	2	µg/L	Y	J	J	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4295	CAWA-14-84604	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.94	—	—	1	µg/L	Y	J	J	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	08/08/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-4295	CAWA-14-84604	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-2970	CAWA-14-54755	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	1.82	—	—	1	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.798	1.31	4.85	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.48	1.98	5.48	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00118	1.24	4.81	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.58	1.9	5.2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.31	1.4	4.1	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.115	—	—	0.0865	µg/L	Y	J	J	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.288	—	—	0.0865	µg/L	Y	—	NQ	2015-1749	CAWA-15-100830	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	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	DNX	DNX	N	0.284	—	—	0.0909	µg/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.5	—	—	0.091	µg/L	Y	U	U	11-3630	CAWA-11-27044	STSL
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.163	—	—	0.033	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.23	—	—	0.033	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.25	0.835	2.79	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.57	0.633	1.71	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.982	0.669	2.19	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.22	1.1	2.3	—	pCi/L	Y	—	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.499	0.64	2.9	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.35	1.01	2.64	—	pCi/L	Y	—	NQ	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.17	0.441	1.24	—	pCi/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	16.9	1.4	2.96	—	pCi/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.57	1.1	3	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.84	0.94	3	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	0.453	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.6	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	03/28/16	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.11	—	—	0.0865	µg/L	Y	—	NQ	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	12/11/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.43	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.5	—	—	0.0865	µg/L	Y	—	NQ	2015-1749	CAWA-15-100830	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
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	34.7	—	—	30	µg/L	Y	J	J	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2016-512	CAWA-16-106943	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	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.51	—	—	0.11	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.03	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.07	—	—	2	µg/L	Y	J	J	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2016-512	CAWA-16-106943	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	—	03/28/16	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.277	—	—	0.0865	µg/L	Y	—	NQ	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.763	—	—	0.0865	µg/L	Y	—	NQ	2015-1749	CAWA-15-100830	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	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	MNX	MNX	Y	0.217	—	—	0.0909	µg/L	Y	J	J	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 Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.9	—	—	0.091	µg/L	Y	P	NQ	11-3630	CAWA-11-27044	STSL
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.93	—	—	0.165	µg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.747	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	03/28/16	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.934	2.81	10.1	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.199	2.99	11	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.505	2.6	9.29	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.38	3.1	10	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.54	2.7	9.5	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.925	—	—	0.5	µg/L	Y	J	J	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.936	—	—	0.5	µg/L	Y	J	J	2016-512	CAWA-16-106943	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	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.149	—	—	0.017	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.122	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.441	—	—	0.017	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.263	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	—	—	0.05	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.207	—	—	0.05	µg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.181	—	—	0.05	µg/L	Y	J	J	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0628	—	—	0.05	µg/L	Y	J	J	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.123	—	—	0.05	µg/L	Y	J	J+	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00216	0.00892	0.0415	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00325	0.00726	0.0418	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00469	0.0729	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0048	0.0034	0.024	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	1.18E-10	0.0028	0.022	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0108	0.00649	0.0393	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00649	0.0112	0.0953	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0141	0.00811	0.0722	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0024	0.0064	0.046	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0099	0.0059	0.032	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.06	—	—	0.05	mg/L	Y	E	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.96	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	03/28/16	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17	16.3	65.2	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.1	16.9	66.4	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.74	15.9	62	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.01	20	74	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.2	19	69	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	8.22	—	—	0.0865	µg/L	Y	—	NQ	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	12/11/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.5	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	8.89	—	—	0.0865	µg/L	Y	B	J	2015-1749	CAWA-15-100830	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	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.3	—	—	0.053	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	32.4	—	—	0.053	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	25.1	—	—	0.053	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	27.9	—	—	0.053	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	35.6	—	—	0.053	mg/L	Y	N	J+	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	03/28/16	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.09	1.45	5.58	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.492	1.66	6.61	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.65	1.31	5.33	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.94	1.6	6.1	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.35	1.6	6.1	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250	—	—	3.63	µS/cm	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	203	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	1	µS/cm	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	282	—	—	1	µS/cm	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	432	—	—	1	µS/cm	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	135	—	—	1	µg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	142	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106943	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	—	03/28/16	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0332	0.136	0.486	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00202	0.0465	0.159	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	1.32	0.193	0.489	—	pCi/L	Y	—	J	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.703	0.17	0.49	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.362	0.15	0.47	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.77	—	—	0.133	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.53	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.78	—	—	0.133	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.56	—	—	0.133	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.7	—	—	0.1	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.126	—	—	0.0865	µg/L	Y	J	J	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.352	—	—	0.0865	µg/L	Y	—	NQ	2015-1749	CAWA-15-100830	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	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	TNX	TNX	N	0.284	—	—	0.0909	µg/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	Y	0.14	—	—	0.082	µg/L	Y	J	J	11-3630	CAWA-11-27044	STSL
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	288	—	—	4.8	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.158	—	—	0.033	mg/L	Y	—	NQ	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	12/11/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.119	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.303	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.49	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.648	—	—	0.035	mg/L	Y	—	J	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.29	—	—	0.33	mg/L	Y	—	NQ	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	12/11/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.36	—	—	0.33	mg/L	Y	—	NQ	2016-512	CAWA-16-106924	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.15	—	—	0.33	mg/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.31	—	—	0.33	mg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	12.2	—	—	0.66	mg/L	Y	—	NQ	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0339	—	—	0.017	mg/L	Y	J	J	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0311	—	—	0.017	mg/L	Y	J	J	2016-512	CAWA-16-106943	GELC
Canon de Valle below MDA P	—	03/10/14	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0468	—	—	0.017	mg/L	Y	J	U	2014-2970	CAWA-14-54755	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-682	CAWA-13-28848	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0745	—	—	0.015	mg/L	Y	—	U	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.094	—	—	0.067	µg/L	Y	J	J	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.078	—	—	0.067	µg/L	Y	J	J	2016-512	CAWA-16-106943	GELC
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	—	03/28/16	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0338	0.0149	0.111	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0273	0.0158	0.0502	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.705	0.0655	0.147	—	pCi/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.315	0.054	0.11	—	pCi/L	Y	—	J+	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.028	0.0098	0.065	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0383	0.0125	0.0761	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0075	0.0075	0.0479	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.033	0.0256	0.0529	—	pCi/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0145	0.015	0.077	—	pCi/L	Y	U	U	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00301	0.0052	0.033	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0647	0.0162	0.0724	—	pCi/L	Y	U	U	2016-961	CAWA-16-110734	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0606	0.0177	0.0469	—	pCi/L	Y	—	NQ	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.791	0.0659	0.0929	—	pCi/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.323	0.051	0.092	—	pCi/L	Y	—	J+	11-3634	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	09/07/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0194	0.0092	0.029	—	pCi/L	Y	U	U	10-4478	CAWA-10-25692	GELC
Canon de Valle below MDA P	—	03/28/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.91	—	—	1	µg/L	Y	J	J	2016-961	CAWA-16-110765	GELC
Canon de Valle below MDA P	—	12/11/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.56	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106943	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
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.8	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.32	—	—	0.01	SU	Y	H	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.01	—	—	0.01	SU	Y	H	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.4	—	—	0.725	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.1	—	—	0.725	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.1	—	—	0.725	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.5	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	932	—	—	68	µg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	778	—	—	68	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	391	—	—	68	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00997	0.00789	0.0467	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	1.28E-09	0.00726	0.0514	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00558	0.00683	0.0533	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00469	0.0034	0.048	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00114	0.0031	0.033	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0008	0.013	0.032	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0451	—	—	0.017	mg/L	Y	J	J-	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0305	—	—	0.017	mg/L	Y	J	U	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.223	—	—	0.017	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0331	—	—	0.017	mg/L	Y	J	J	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.13	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2460	—	—	1	µg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2620	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2960	—	—	1	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	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	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22	—	—	0.05	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.65	1.66	6.97	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.88	1.49	4.83	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.935	1.19	4.29	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.186	1.3	4.2	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.71	1.6	5.6	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.13	1.3	4.2	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.9	—	—	0.134	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.1	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	25.2	—	—	0.335	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.1	—	—	0.134	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.7	—	—	0.335	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.54	—	—	2	µg/L	Y	J	J	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.5	—	—	2	µg/L	Y	J	J	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	4.14	—	—	2	µg/L	Y	J	U	2014-4254	CAWA-14-84605	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.68	—	—	2	µg/L	Y	J	J	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	2.47	—	—	1	µg/L	Y	J	J	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.2	—	—	1	µg/L	Y	J	J	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	08/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-4254	CAWA-14-84605	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0283	1.55	6.21	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.28	1.45	4.64	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.772	1.14	3.97	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.4	1.7	4.1	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.982	1.5	4.5	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.65	1.5	4.5	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.163	—	—	0.033	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.169	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.171	—	—	0.033	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.163	—	—	0.033	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.239	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.801	0.619	2.87	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0999	0.569	2.65	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.62	1.27	2	—	pCi/L	Y	—	J	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	01/20/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.62	0.77	2	—	pCi/L	Y	U	U	12-634	CAWA-12-1938	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.54	0.65	1.9	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.383	0.35	1.2	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.48	0.662	2.12	—	pCi/L	Y	—	NQ	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.32	0.503	1.58	—	pCi/L	Y	—	NQ	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.78	1.07	2.94	—	pCi/L	Y	—	J	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	01/20/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.76	1	2.2	—	pCi/L	Y	—	NQ	12-634	CAWA-12-1938	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.11	1.2	3.1	—	pCi/L	Y	—	NQ	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.82	1.3	3.8	—	pCi/L	Y	—	NQ	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.453	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.1	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.2	—	—	0.453	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	03/14/14	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	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	439	—	—	30	µg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	332	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	207	—	—	30	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.66	—	—	0.11	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.39	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.78	—	—	0.11	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.58	—	—	2	µg/L	Y	J	J	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	5.13	—	—	2	µg/L	Y	J	J	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-739	CAWA-15-91352	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	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.694	—	—	0.165	µg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.54	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.951	—	—	0.165	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.56	3.41	11.1	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.63	2.8	9.72	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.69	2.33	8.29	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.25	10	35	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-27.5	11	32	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.38	5.8	19	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.08	—	—	0.5	µg/L	Y	J	J	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.967	—	—	0.5	µg/L	Y	J	J	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-739	CAWA-15-91352	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	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.294	—	—	0.017	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.202	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.03	—	—	0.085	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	—	0.085	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.104	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.75	—	—	0.05	µg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.647	—	—	0.05	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.935	—	—	0.1	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.571	—	—	0.05	µg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.174	—	—	0.05	µg/L	Y	J	J	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0173	0.00751	0.0416	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00413	0.0109	0.0532	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00265	0.00265	0.0413	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.006	0.0082	0.033	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00437	0.01	0.036	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00754	0.0046	0.029	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00867	0.00613	0.0394	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00825	0.0101	0.121	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.00593	0.0409	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.002	0.0035	0.033	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00437	0.0054	0.036	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00188	0.0033	0.032	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.77	—	—	0.05	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.69	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.54	—	—	0.05	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	24	17.4	63.5	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.94	17.1	66.6	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-44.1	16.4	44.8	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-44.4	18	51	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	10.9	16	58	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.3	17	34	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.331	—	—	0.093	µg/L	Y	—	NQ	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	12/12/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.311	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106925	GELC
CDV-16-02656	3	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.682	—	—	0.0842	µg/L	Y	Q	NQ	2015-1862	CAWA-15-100831	GELC
CDV-16-02656	3	01/28/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.0979	—	—	0.0904	µg/L	Y	HJ	J-	2015-739	CAWA-15-91325	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	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	37.8	—	—	0.053	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	36.7	—	—	0.053	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	33.5	—	—	0.053	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	32.3	—	—	0.053	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	28.1	—	—	0.053	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	19.9	—	—	0.1	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0577	1.64	6.48	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0188	1.15	3.9	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.45	1.03	3.43	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.207	1.5	4.8	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.911	1.3	3.9	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.68	1.4	3.9	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	3.63	µS/cm	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242	—	—	3.63	µS/cm	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	1	µS/cm	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	309	—	—	1	µS/cm	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	117	—	—	1	µg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	115	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	157	—	—	1	µg/L	Y	—	NQ	2015-739	CAWA-15-91352	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	03/25/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.169	0.131	0.491	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0273	0.049	0.171	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.349	0.149	0.479	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0435	0.11	0.38	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0913	0.12	0.4	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.13	0.42	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.9	—	—	0.133	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.93	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.2	—	—	0.133	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.64	—	—	0.133	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10	—	—	0.133	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2015-739	CAWA-15-91352	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	03/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2014-3009	CAWA-14-54756	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0783	—	—	0.033	mg/L	Y	J	J	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	12/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.198	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106925	GELC
CDV-16-02656	3	01/28/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.388	—	—	0.033	mg/L	Y	—	J	2015-739	CAWA-15-91325	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	03/28/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.163	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28823	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.08	—	—	0.33	mg/L	Y	—	NQ	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	12/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.91	—	—	0.33	mg/L	Y	—	NQ	2016-512	CAWA-16-106925	GELC
CDV-16-02656	3	01/28/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.27	—	—	0.66	mg/L	Y	—	NQ	2015-739	CAWA-15-91325	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.93	—	—	0.33	mg/L	Y	—	NQ	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	03/28/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.34	—	—	0.33	mg/L	Y	—	NQ	2013-682	CAWA-13-28823	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0718	0.0166	0.0979	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0119	0.00792	0.0328	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0665	0.0184	0.0764	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0489	0.014	0.12	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0214	0.011	0.13	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0207	0.013	0.066	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0245	0.00968	0.067	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0049	0.006	0.0313	—	pCi/L	Y	U	U	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00686	0.00686	0.0274	—	pCi/L	Y	U	U	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0043	0.063	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.004	0.059	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0033	0.035	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0595	0.0131	0.0637	—	pCi/L	Y	U	U	2016-959	CAWA-16-110735	GELC
CDV-16-02656	3	03/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0317	0.00886	0.0307	—	pCi/L	Y	—	NQ	2014-3009	CAWA-14-54735	GELC
CDV-16-02656	3	07/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0888	0.0171	0.0482	—	pCi/L	Y	—	NQ	12-1453	CAWA-12-17539	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0292	0.012	0.072	—	pCi/L	Y	U	U	10-99	CAWA-09-13785	GELC
CDV-16-02656	3	10/09/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0349	0.013	0.077	—	pCi/L	Y	U	U	10-99	CAWA-09-13776	GELC
CDV-16-02656	3	10/07/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0283	0.0099	0.037	—	pCi/L	Y	U	U	09-54	CAWA-08-15975	GELC
CDV-16-02656	3	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.91	—	—	1	µg/L	Y	J	J	2016-959	CAWA-16-110766	GELC
CDV-16-02656	3	12/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.59	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106944	GELC
CDV-16-02656	3	01/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.9	—	—	1	µg/L	Y	J	J	2015-739	CAWA-15-91352	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-16-02659	1.7	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.18	—	—	0.01	SU	Y	H	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.05	—	—	0.01	SU	Y	H	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.03	—	—	0.01	SU	Y	H	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.01	—	—	0.01	SU	Y	H	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.93	—	—	0.01	SU	Y	H	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.88	—	—	0.01	SU	Y	H	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	0.725	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.9	—	—	0.725	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.2	—	—	0.725	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.2	—	—	0.725	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.6	—	—	0.725	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	103	—	—	0.725	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00192	0.00508	0.0344	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0104	0.00634	0.0518	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00784	0.0039	0.039	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00177	0.0031	0.03	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0161	0.0058	0.038	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.782	—	—	0.0851	µg/L	Y	—	NQ	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.11	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.64	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.13	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.01	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	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	03/14/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.644	—	—	0.0851	µg/L	Y	—	NQ	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.729	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.38	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.03	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.96	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	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	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.159	—	—	0.017	mg/L	Y	—	J	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	—	U	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0917	—	—	0.017	mg/L	Y	—	J	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.217	—	—	0.017	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0349	—	—	0.017	mg/L	Y	J	J	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	5660	—	—	1	µg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	4660	—	—	1	µg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	5650	—	—	1	µg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	5700	—	—	1	µg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	32.1	—	—	15	µg/L	Y	J	J	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.8	—	—	15	µg/L	Y	J	J	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	44.6	—	—	15	µg/L	Y	J	J	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	44.8	—	—	15	µg/L	Y	J	J	2015-733	CAWA-15-91294	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.4	—	—	0.05	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.5	—	—	0.05	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.6	—	—	0.05	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.9	—	—	0.05	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.97	1.95	6.55	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0651	1.36	4.99	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.66	2.1	5.9	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.9	1.6	5.6	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.549	1.5	5.2	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	40.3	—	—	0.67	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.2	—	—	0.335	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.2	—	—	0.335	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	22.1	—	—	0.335	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20	—	—	0.335	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.4	—	—	0.134	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	4.52	—	—	1	µg/L	Y	J	J	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	2.25	—	—	1	µg/L	Y	J	J	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	Y	2.12	—	—	1	µg/L	Y	J	J	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-4214	CAWA-14-84606	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.138	1.59	5.99	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.42	1.47	5.93	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.919	1.6	5.7	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.433	1.5	5.2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.44	1.5	4.3	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.01	—	—	3	µg/L	Y	J	J	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	08/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-4214	CAWA-14-84606	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.428	—	—	0.0851	µg/L	Y	—	NQ	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.329	—	—	0.0842	µg/L	Y	Q	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.269	—	—	0.0874	µg/L	Y	J	J	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.159	—	—	0.093	µg/L	Y	J	J	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.159	—	—	0.0947	µg/L	Y	J	J	2015-733	CAWA-15-91291	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	N	0.294	—	—	0.0941	µg/L	Y	U	U	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.134	—	—	0.033	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.17	—	—	0.033	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.162	—	—	0.033	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.033	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.77	0.954	2.98	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.65	0.674	1.97	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.39	0.73	2	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.1	1.1	2.1	—	pCi/L	Y	—	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.77	1.1	2.6	—	pCi/L	Y	—	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	9.32	1.27	2.91	—	pCi/L	Y	—	NQ	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.405	0.613	2.04	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.29	1.1	2	—	pCi/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.07	1.4	2.6	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.95	1.1	2.4	—	pCi/L	Y	—	NQ	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	93	—	—	0.453	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.5	—	—	0.453	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.1	—	—	0.453	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.1	—	—	0.453	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	03/14/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.95	—	—	0.0851	µg/L	Y	—	NQ	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.1	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	17.6	—	—	0.219	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.1	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.79	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.57	—	—	0.11	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.08	—	—	0.11	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.37	—	—	0.11	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.42	—	—	0.11	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	03/14/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.5	—	—	0.0851	µg/L	Y	—	NQ	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.439	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.812	—	—	0.0874	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.356	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.34	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.233	—	—	0.0941	µg/L	Y	J	J	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.614	—	—	0.165	µg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.365	—	—	0.165	µg/L	Y	J	J	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.8	3.53	12.6	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.11	3.23	10.2	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.86	2.8	9.8	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	8.39	3.5	13	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.49	2.6	7.7	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0435	—	—	0.017	mg/L	Y	J	J	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0427	—	—	0.017	mg/L	Y	J	J	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0516	—	—	0.017	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0638	—	—	0.017	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.282	—	—	0.017	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.104	—	—	0.017	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.26	—	—	0.05	µg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.112	—	—	0.05	µg/L	Y	J	J	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0707	—	—	0.05	µg/L	Y	J	J	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0697	—	—	0.05	µg/L	Y	J	J	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.141	—	—	0.05	µg/L	Y	J	J	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00735	0.0368	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00301	0.00674	0.0388	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00233	0.0077	0.038	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00871	0.0062	0.038	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00198	0.002	0.022	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0163	0.009	0.0338	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00602	0.00738	0.0884	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00233	0.0052	0.03	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00218	0.0038	0.037	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-2.35E-10	0.0028	0.032	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.01	—	—	0.05	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.82	—	—	0.05	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.94	—	—	0.05	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	4.07	—	—	0.05	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	23.7	23.6	101	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.55	18.3	41.4	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.5	20	80	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.19	20	66	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.7	17	55	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.11	—	—	0.0851	µg/L	Y	—	NQ	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.51	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	10.8	—	—	0.219	µg/L	Y	—	NQ	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.24	—	—	0.093	µg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.93	—	—	0.0947	µg/L	Y	—	NQ	2015-733	CAWA-15-91291	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	29.5	—	—	0.053	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	33.3	—	—	0.053	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	34	—	—	0.053	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	34.5	—	—	0.053	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	27.9	—	—	0.053	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	29.8	—	—	0.053	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.6	—	—	0.1	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.2	—	—	0.1	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.42	1.67	6.71	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.56	1.67	4.48	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.64	1.5	6.6	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.01	1.6	4.9	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.73	1.5	4.5	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	334	—	—	3.63	µS/cm	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	1	µS/cm	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	247	—	—	3.63	µS/cm	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	3.63	µS/cm	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	270	—	—	1	µS/cm	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	298	—	—	1	µS/cm	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	205	—	—	1	µg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	152	—	—	1	µg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	201	—	—	1	µg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	198	—	—	1	µg/L	Y	—	NQ	2015-733	CAWA-15-91294	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00206	0.139	0.5	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.292	0.151	0.492	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.231	0.11	0.48	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0759	0.14	0.49	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.295	0.15	0.47	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.2	—	—	0.133	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.78	—	—	0.133	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.91	—	—	0.133	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.94	—	—	0.133	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.8	—	—	0.133	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.44	—	—	0.133	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.67	—	—	0.0851	µg/L	Y	—	NQ	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.726	—	—	0.0842	µg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	07/20/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.113	—	—	0.0874	µg/L	Y	J	J	2015-1764	CAWA-15-100832	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.206	—	—	0.093	µg/L	Y	J	J	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.188	—	—	0.0947	µg/L	Y	J	J	2015-733	CAWA-15-91291	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	N	0.294	—	—	0.0941	µg/L	Y	U	U	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	NQ	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	82.9	—	—	3.4	mg/L	Y	—	NQ	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	2014-2970	CAWA-14-54757	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.72	—	—	0.33	mg/L	Y	—	NQ	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	12/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.45	—	—	0.33	mg/L	Y	—	NQ	2016-529	CAWA-16-106926	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.31	—	—	0.33	mg/L	Y	—	NQ	2015-733	CAWA-15-91326	GELC
CDV-16-02659	1.7	01/27/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.28	—	—	0.33	mg/L	Y	—	NQ	2015-733	CAWA-15-91291	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.93	—	—	0.33	mg/L	Y	—	NQ	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.98	—	—	0.33	mg/L	Y	—	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	03/14/16	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	2016-882	CAWA-16-110767	GELC
CDV-16-02659	1.7	12/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0439	—	—	0.017	mg/L	Y	J	U	2016-529	CAWA-16-106945	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0368	—	—	0.017	mg/L	Y	J	U	2015-733	CAWA-15-91353	GELC
CDV-16-02659	1.7	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0433	—	—	0.017	mg/L	Y	J	U	2015-733	CAWA-15-91294	GELC
CDV-16-02659	1.7	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0623	—	—	0.017	mg/L	Y	—	U	2014-2970	CAWA-14-54757	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	03/16/13	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	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0335	0.0152	0.114	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0421	0.0134	0.0537	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.152	0.028	0.051	—	pCi/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.198	0.031	0.067	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0182	0.0076	0.065	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0376	0.0151	0.073	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.004	0.00895	0.0512	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00414	0.0093	0.045	—	pCi/L	Y	U	U	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00456	0.0079	0.048	—	pCi/L	Y	U	U	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.009	0.0067	0.033	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CDV-16-02659	1.7	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0457	0.0152	0.073	—	pCi/L	Y	U	U	2016-882	CAWA-16-110736	GELC
CDV-16-02659	1.7	03/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0227	0.0107	0.0502	—	pCi/L	Y	U	U	2014-2970	CAWA-14-54736	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.025	0.043	—	pCi/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.151	0.028	0.058	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/09/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0267	0.0083	0.029	—	pCi/L	Y	U	U	10-4510	CAWA-10-25738	GELC
CdV-16-1(i)	624	03/24/16	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	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.99	—	—	0.01	SU	Y	H	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.96	—	—	0.01	SU	Y	H	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.04	—	—	0.01	SU	Y	H	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	—	0.725	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	0.725	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.725	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	—	0.725	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	0.725	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	69	—	—	68	µg/L	Y	J	J	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-4404	CAWA-14-84607	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0102	0.00542	0.0383	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0141	0.00744	0.0434	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00894	0.00666	0.0596	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00879	0.00507	0.056	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00431	0.0037	0.036	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.142	—	—	0.0856	µg/L	Y	J	J	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.184	—	—	0.0816	µg/L	Y	JQ	J	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.178	—	—	0.087	µg/L	Y	J	J	2015-1893	CAWA-15-100833	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.181	—	—	0.0851	µg/L	Y	J	J	2015-1177	CAWA-15-95848	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	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.7	—	—	1	µg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.6	—	—	1	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16	—	—	1	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	03/24/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	3	—	—	1.5	µg/L	Y	J	J	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	4.39	—	—	1.5	µg/L	Y	J	J	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.3	—	—	3.09	µg/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	11.1	—	—	3.33	µg/L	Y	U	U	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	11	—	—	3.3	µg/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	70.8	—	—	15	µg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	75.9	—	—	15	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	68.6	—	—	15	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	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	03/24/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.075	—	—	0.067	mg/L	Y	J	J	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0857	—	—	0.067	mg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0759	—	—	0.067	mg/L	Y	J	J	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	03/24/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.38	1.03	3.99	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0171	1.26	4.58	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.22	1.67	5.72	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.695	1.49	5.57	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.88	1.7	5.9	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.32	—	—	0.067	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.32	—	—	0.067	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.08	—	—	0.067	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.17	—	—	0.067	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.44	—	—	0.067	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.48	—	—	2	µg/L	Y	J	J	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4404	CAWA-14-84607	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.595	1.34	4.14	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.255	1.22	4.77	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.26	1.72	5.14	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.18	1.39	4.06	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.29	1.6	3.8	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	12.7	—	—	3	µg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	13.6	—	—	3	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	16	—	—	3	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
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	03/24/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.106	—	—	0.0856	µg/L	Y	J	J	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.14	—	—	0.0816	µg/L	Y	J	J	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.14	—	—	0.0851	µg/L	Y	J	J	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.152	—	—	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	DNX	DNX	Y	0.128	—	—	0.0899	µg/L	Y	J	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0974	—	—	0.033	mg/L	Y	J	J	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0428	—	—	0.033	mg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0536	—	—	0.033	mg/L	Y	J	J	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.068	—	—	0.033	mg/L	Y	J	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.127	—	—	0.033	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.15	1.11	2.86	—	pCi/L	Y	—	NQ	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.27	0.427	1.71	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.992	0.728	2.28	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.67	0.917	1.9	—	pCi/L	Y	—	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0306	0.48	2.3	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.32	0.425	1.23	—	pCi/L	Y	—	NQ	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.47	0.5	1.57	—	pCi/L	Y	—	NQ	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.9	0.445	1.34	—	pCi/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.47	0.894	2.81	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.18	0.86	2.6	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.8	—	—	0.453	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.8	—	—	0.453	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.5	—	—	0.453	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	03/24/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.21	—	—	0.0856	µg/L	Y	—	NQ	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.43	—	—	0.0816	µg/L	Y	—	NQ	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.57	—	—	0.087	µg/L	Y	—	NQ	2015-1893	CAWA-15-100833	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.7	—	—	0.0851	µg/L	Y	—	NQ	2015-1177	CAWA-15-95848	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	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.5	—	—	0.11	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.07	—	—	0.11	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.7	—	—	0.11	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	5.83	—	—	2	µg/L	Y	J	J	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.41	—	—	2	µg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.63	—	—	2	µg/L	Y	J	J	2015-1177	CAWA-15-95853	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	03/24/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.08	—	—	0.3	µg/L	Y	—	J-	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.27	—	—	0.3	µg/L	Y	—	NQ	2015-1893	CAWA-15-100833	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.19	—	—	0.3	µg/L	Y	—	NQ	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	08/20/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	1	—	—	0.3	µg/L	Y	U	U	2014-4404	CAWA-14-84591	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	1.39	—	—	0.3	µg/L	Y	—	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.225	—	—	0.0856	µg/L	Y	J	J	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.266	—	—	0.0816	µg/L	Y	—	NQ	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.344	—	—	0.0851	µg/L	Y	—	NQ	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.323	—	—	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	MNX	MNX	Y	0.299	—	—	0.0899	µg/L	Y	—	NQ	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.836	—	—	0.165	µg/L	Y	*	J	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.59	—	—	0.165	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.607	—	—	0.165	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	08/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.631	—	—	0.165	µg/L	Y	—	U	2014-4404	CAWA-14-84607	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.861	—	—	0.165	µg/L	Y	—	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.53	2.05	7.42	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.4	2.73	9.01	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.37	2.62	9.44	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.58	3.35	11.9	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.82	3.5	10	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.15	—	—	0.5	µg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.36	—	—	0.5	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.55	—	—	0.5	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	03/24/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.51	—	—	0.085	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.895	—	—	0.017	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.926	—	—	0.017	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.886	—	—	0.017	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.879	—	—	0.017	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.542	—	—	0.05	µg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.536	—	—	0.05	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.529	—	—	0.05	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.505	—	—	0.05	µg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.528	—	—	0.05	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	1.05E-09	0.00591	0.0401	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0241	0.00954	0.0411	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00828	0.00828	0.0533	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00466	0.0513	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0083	0.02	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00418	0.00661	0.038	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00603	0.0104	0.0751	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0124	0.00925	0.122	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0165	0.00872	0.0508	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00391	0.0034	0.037	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.63	—	—	0.05	mg/L	Y	E	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.7	—	—	0.05	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.37	—	—	0.05	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	03/24/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.47	18.6	37.7	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.5	18	69.1	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.42	21.7	83.4	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.7	15.7	58.7	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.5	20	71	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	26.2	—	—	0.428	µg/L	Y	—	NQ	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	28.1	—	—	0.408	µg/L	Y	—	J	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	28.5	—	—	0.435	µg/L	Y	—	NQ	2015-1893	CAWA-15-100833	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	32.4	—	—	0.426	µg/L	Y	—	NQ	2015-1177	CAWA-15-95848	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	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.2	—	—	0.053	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.1	—	—	0.053	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.7	—	—	0.053	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.9	—	—	0.053	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.5	—	—	0.053	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.6	—	—	0.1	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	03/24/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0559	1.18	3.89	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.96	1.38	4.26	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.458	1.46	5.87	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.01	1.02	4.92	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.555	1.8	6	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	3.63	µS/cm	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	3.63	µS/cm	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.1	—	—	1	µg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	95.7	—	—	1	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92.4	—	—	1	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	03/24/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.282	0.128	0.488	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.25	0.135	0.492	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0984	0.123	0.475	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.383	0.13	0.414	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.073	0.13	0.49	—	pCi/L	Y	U	U	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.41	—	—	0.133	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.61	—	—	0.133	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.41	—	—	0.133	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.93	—	—	0.133	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.7	—	—	0.133	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.9	—	—	0.3	µg/L	Y	J	J-	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.87	—	—	0.3	µg/L	Y	J	J	2015-1893	CAWA-15-100833	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.91	—	—	0.3	µg/L	Y	J	J	2015-1177	CAWA-15-95848	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	03/24/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.233	—	—	0.0856	µg/L	Y	JQ	J	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.186	—	—	0.0816	µg/L	Y	J	J	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.237	—	—	0.0851	µg/L	Y	J	J	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.262	—	—	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	TNX	TNX	Y	0.208	—	—	0.0899	µg/L	Y	J	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.26	—	—	0.3	µg/L	Y	—	J-	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	3.04	—	—	0.3	µg/L	Y	—	NQ	2015-1893	CAWA-15-100833	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	3.33	—	—	0.3	µg/L	Y	—	NQ	2015-1177	CAWA-15-95848	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	03/24/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	94.3	—	—	3.4	mg/L	Y	—	NQ	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.064	—	—	0.033	mg/L	Y	J	J	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0365	—	—	0.033	mg/L	Y	J	J	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	16.9	—	—	0.66	mg/L	Y	—	NQ	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	11/13/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.07	—	—	0.33	mg/L	Y	—	NQ	2016-341	CAWA-16-106927	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.916	—	—	0.33	mg/L	Y	J	J	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.15	—	—	0.33	mg/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.13	—	—	0.33	mg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.039	—	—	0.017	mg/L	Y	J	J	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0321	—	—	0.017	mg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0543	—	—	0.017	mg/L	Y	—	U	2015-1177	CAWA-15-95853	GELC
CdV-16-1(i)	624	03/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0774	—	—	0.017	mg/L	Y	—	J	2014-3042	CAWA-14-54758	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.492	—	—	0.067	µg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.375	—	—	0.067	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.377	—	—	0.067	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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	03/24/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.349	0.0321	0.101	—	pCi/L	Y	—	NQ	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.293	0.0302	0.0596	—	pCi/L	Y	—	NQ	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.372	0.0379	0.0576	—	pCi/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.459	0.0417	0.0912	—	pCi/L	Y	—	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.46	0.045	0.034	—	pCi/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0283	0.0104	0.0689	—	pCi/L	Y	U	U	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0161	0.00969	0.0382	—	pCi/L	Y	U	U	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0258	0.0122	0.055	—	pCi/L	Y	U	U	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00819	0.00579	0.0328	—	pCi/L	Y	U	U	12-1419	CAWA-12-17541	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.025	0.0088	0.025	—	pCi/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.28	0.0277	0.0655	—	pCi/L	Y	—	NQ	2016-950	CAWA-16-110737	GELC
CdV-16-1(i)	624	05/07/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.112	0.0175	0.0503	—	pCi/L	Y	—	NQ	2015-1177	CAWA-15-95848	GELC
CdV-16-1(i)	624	03/20/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.132	0.0225	0.0538	—	pCi/L	Y	—	NQ	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.176	0.0267	0.0575	—	pCi/L	Y	—	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.172	0.022	0.039	—	pCi/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.73	—	—	1	µg/L	Y	J	J	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.03	—	—	1	µg/L	Y	J	J	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.28	—	—	1	µg/L	Y	J	J	2015-1177	CAWA-15-95853	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	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	30.4	—	—	3.3	µg/L	Y	—	NQ	2016-950	CAWA-16-110768	GELC
CdV-16-1(i)	624	11/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	35.5	—	—	3.3	µg/L	Y	—	NQ	2016-341	CAWA-16-106946	GELC
CdV-16-1(i)	624	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	37.2	—	—	3.3	µg/L	Y	—	NQ	2015-1177	CAWA-15-95853	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-16-2(i)r	850	03/30/16	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	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.27	—	—	0.01	SU	Y	H	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.34	—	—	0.01	SU	Y	H	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.6	—	—	0.725	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	0.725	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.9	—	—	0.725	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.725	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.725	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00516	0.00966	0.0483	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0142	0.00669	0.0473	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00737	0.0043	0.048	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00698	0.0052	0.046	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00548	0.0041	0.031	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0191	0.0058	0.029	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00532	0.0035	0.042	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00153	0.0025	0.036	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.118	—	—	0.0833	µg/L	Y	J	J	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.104	—	—	0.0825	µg/L	Y	J	J	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.107	—	—	0.0874	µg/L	Y	J	J	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.12	—	—	0.0851	µg/L	Y	J	J	2015-671	CAWA-15-91328	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	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0788	—	—	0.017	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0579	—	—	0.017	mg/L	Y	—	U	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.101	—	—	0.017	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0569	—	—	0.017	mg/L	Y	—	U	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0406	—	—	0.017	mg/L	Y	J	J	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0304	—	—	0.017	mg/L	Y	J	J	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.32	—	—	1	µg/L	Y	J	J	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.43	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.66	—	—	1	µg/L	Y	J	J	2015-671	CAWA-15-91355	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	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.9	—	—	15	µg/L	Y	J	J	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.4	—	—	15	µg/L	Y	J	J	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.9	—	—	15	µg/L	Y	J	J	2015-671	CAWA-15-91355	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	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	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.75	—	—	0.05	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.19	1.41	4.51	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.34	1.47	5.76	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.68	2	6.5	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.254	1.6	5.9	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.02	1.3	4.9	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.624	1.4	4.8	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.32	1.2	4.5	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.59	1.5	4.7	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	0.067	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.97	—	—	0.067	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.06	—	—	0.067	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	—	—	0.067	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.78	—	—	0.067	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.76	—	—	0.067	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.279	1.18	4.54	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.5	1.46	6.02	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.834	1.5	6.3	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.402	1.8	7.3	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.14	1.3	3.7	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.93	1.5	5.7	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.27	1.4	5	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.712	1.5	5.1	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.165	—	—	0.0833	µg/L	Y	J	J	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.193	—	—	0.0825	µg/L	Y	J	J	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.166	—	—	0.0874	µg/L	Y	J	J	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.145	—	—	0.0851	µg/L	Y	J	J	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.139	—	—	0.0833	µg/L	Y	J	J	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	DNX	DNX	Y	0.13	—	—	0.0856	µg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.108	—	—	0.033	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.126	—	—	0.033	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.105	—	—	0.033	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.131	—	—	0.033	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.565	0.628	2.83	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.48	0.68	2.95	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.534	0.45	1.5	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.613	0.51	1.7	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.92	0.61	2	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.401	0.46	1.8	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.22	0.73	2.2	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.314	0.38	2.3	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.883	0.375	1.22	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.000673	0.312	1.06	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.298	0.53	2	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.6	0.73	2.2	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.5	0.73	2.3	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.96	0.72	2.1	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.2	0.84	2.8	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.08	0.77	2.6	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.1	—	—	0.453	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.1	—	—	0.453	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.7	—	—	0.453	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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
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	03/30/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.992	—	—	0.0833	µg/L	Y	—	NQ	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.04	—	—	0.0825	µg/L	Y	—	NQ	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.923	—	—	0.0874	µg/L	Y	—	NQ	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.83	—	—	0.0851	µg/L	Y	—	NQ	2015-671	CAWA-15-91328	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	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.59	—	—	0.11	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.61	—	—	0.11	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.53	—	—	0.11	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	03/30/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.56	—	—	0.3	µg/L	Y	J	J	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.36	—	—	0.3	µg/L	Y	HJ	J-	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.59	—	—	0.3	µg/L	Y	HJ	J-	2015-671	CAWA-15-91328	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	03/30/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.48	—	—	0.0833	µg/L	Y	—	NQ	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.503	—	—	0.0825	µg/L	Y	—	NQ	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.472	—	—	0.0874	µg/L	Y	—	NQ	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.402	—	—	0.0851	µg/L	Y	—	NQ	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.405	—	—	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	MNX	MNX	Y	0.382	—	—	0.0856	µg/L	Y	—	NQ	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.971	—	—	0.165	µg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.936	—	—	0.165	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.869	—	—	0.165	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.73	3.11	10.2	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.83	2.73	8.96	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.63	3.1	10	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.943	3.1	11	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.01	2.7	8.2	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.17	3	11	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.21	2.5	7.5	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.79	3.5	11	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.662	—	—	0.017	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.607	—	—	0.017	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.652	—	—	0.017	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.735	—	—	0.017	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.632	—	—	0.017	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.631	—	—	0.017	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.32	—	—	0.05	µg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	—	0.05	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.323	—	—	0.05	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00989	0.00989	0.0474	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00589	0.0299	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.003	0.035	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00187	0.0049	0.036	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00188	0.0033	0.019	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-2.58E-10	0.0031	0.022	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-1.9E-09	0.008	0.022	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00915	0.0088	0.02	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00988	0.00856	0.0449	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0144	0.00832	0.0513	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00374	0.007	0.028	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00425	0.0052	0.027	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00188	0.0056	0.036	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00433	0.0043	0.041	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00366	0.0052	0.03	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00397	0.0049	0.032	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.322	—	—	0.05	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.256	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.298	—	—	0.05	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.7	19.2	49.9	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.79	20.2	80.4	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	29.1	20	84	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.6	19	75	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	34.2	20	45	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-6.17	16	52	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-14.1	24	83	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.6	16	59	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	103	—	—	4.17	µg/L	Y	—	NQ	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	128	—	—	4.12	µg/L	Y	—	J+	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	93.1	—	—	2.19	µg/L	Y	B	J	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	102	—	—	2.13	µg/L	Y	—	NQ	2015-671	CAWA-15-91328	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	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.4	—	—	0.053	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.5	—	—	0.53	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.8	—	—	0.053	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.4	—	—	0.053	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	03/30/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.29	1.29	4.09	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.00729	1.31	4.43	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.8	1.6	5.2	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.97	1.8	5.8	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.13	1.4	5.1	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.762	1.5	4.6	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.457	1.4	4.7	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.54	1.2	3.4	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	3.63	µS/cm	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	3.63	µS/cm	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2014-2932	CAWA-14-54759	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.8	—	—	1	µg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.5	—	—	1	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.5	—	—	1	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	03/30/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.171	0.144	0.485	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.358	0.121	0.492	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.133	0.13	0.49	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0599	0.14	0.49	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.416	0.17	0.51	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.095	0.13	0.51	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.441	0.16	0.47	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.216	0.097	0.46	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.31	—	—	0.133	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.1	—	—	0.133	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.31	—	—	0.133	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.48	—	—	0.133	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5	—	—	0.133	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.89	—	—	0.133	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.76	—	—	0.3	µg/L	Y	J	J	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.57	—	—	0.3	µg/L	Y	HJ	J-	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.79	—	—	0.3	µg/L	Y	HJ	J-	2015-671	CAWA-15-91328	GELC
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	03/30/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.125	—	—	0.0833	µg/L	Y	J	J	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.161	—	—	0.0825	µg/L	Y	J	J	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.138	—	—	0.0874	µg/L	Y	J	J	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.119	—	—	0.0851	µg/L	Y	J	J	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.132	—	—	0.0833	µg/L	Y	J	J	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	TNX	TNX	Y	0.121	—	—	0.0856	µg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	—	3.4	mg/L	Y	—	J	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	—	3.4	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.515	—	—	0.33	mg/L	Y	J	J	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	12/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.776	—	—	0.33	mg/L	Y	J	J	2016-472	CAWA-16-106928	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.64	—	—	0.33	mg/L	Y	J	J	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.701	—	—	0.33	mg/L	Y	J	J	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.919	—	—	0.33	mg/L	Y	J	J	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.825	—	—	0.33	mg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0211	—	—	0.017	mg/L	Y	J	J	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0264	—	—	0.017	mg/L	Y	J	J	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.115	—	—	0.017	mg/L	Y	—	NQ	2015-671	CAWA-15-91355	GELC
CdV-16-2(i)r	850	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0442	—	—	0.017	mg/L	Y	J	U	2014-2932	CAWA-14-54759	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.41	—	—	0.3	µg/L	Y	J	J	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.35	—	—	0.3	µg/L	Y	HJ	J-	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.38	—	—	0.3	µg/L	Y	HJ	J-	2015-671	CAWA-15-91328	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.319	—	—	0.067	µg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.268	—	—	0.067	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.286	—	—	0.067	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	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	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.203	0.0221	0.0793	—	pCi/L	Y	—	NQ	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.182	0.0247	0.0479	—	pCi/L	Y	—	NQ	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.221	0.032	0.048	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.029	0.046	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.179	0.027	0.049	—	pCi/L	Y	—	NQ	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.245	0.033	0.054	—	pCi/L	Y	—	NQ	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.189	0.027	0.071	—	pCi/L	Y	—	NQ	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.176	0.024	0.063	—	pCi/L	Y	—	NQ	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0422	0.0114	0.0543	—	pCi/L	Y	U	U	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0107	0.00799	0.0457	—	pCi/L	Y	U	U	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00389	0.0067	0.042	—	pCi/L	Y	U	U	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00375	0.0038	0.041	—	pCi/L	Y	U	U	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0165	0.0075	0.035	—	pCi/L	Y	U	U	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00369	0.0064	0.039	—	pCi/L	Y	U	U	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0163	0.0098	0.036	—	pCi/L	Y	U	U	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0144	0.0077	0.032	—	pCi/L	Y	U	U	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	03/30/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0923	0.0147	0.0516	—	pCi/L	Y	—	J	2016-972	CAWA-16-110738	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0809	0.0168	0.0447	—	pCi/L	Y	—	NQ	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.128	0.022	0.039	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1962	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0975	0.019	0.041	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1961	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0961	0.017	0.042	—	pCi/L	Y	—	NQ	11-3445	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.113	0.02	0.047	—	pCi/L	Y	—	NQ	11-3445	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.103	0.017	0.028	—	pCi/L	Y	—	NQ	10-4478	CAWA-10-25777	GELC
CdV-16-2(i)r	850	09/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.147	0.023	0.031	—	pCi/L	Y	—	NQ	10-4478	CAWA-10-25779	GELC
CdV-16-2(i)r	850	03/30/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	12	—	—	3.3	µg/L	Y	—	NQ	2016-972	CAWA-16-110769	GELC
CdV-16-2(i)r	850	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	29.8	—	—	3.3	µg/L	Y	—	NQ	2016-472	CAWA-16-106947	GELC
CdV-16-2(i)r	850	01/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	15.4	—	—	3.3	µg/L	Y	—	NQ	2015-671	CAWA-15-91355	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-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	0.01	SU	Y	H	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	0.01	SU	Y	H	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.6	—	—	0.725	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.8	—	—	0.725	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.7	—	—	0.725	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.2	—	—	0.725	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	1.78E-09	0.00739	0.0382	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00392	0.0048	0.0392	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0318	0.00973	0.0375	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00525	0.00525	0.0344	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-3.84E-10	0.00326	0.0416	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.000869	0.0029	0.03	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.91	—	—	0.0833	µg/L	Y	—	NQ	2016-881	CAWA-16-110739	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.84	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.85	—	—	0.0856	µg/L	Y	—	NQ	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.18	—	—	0.0816	µg/L	Y	—	NQ	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.07	—	—	0.0842	µg/L	Y	—	NQ	2015-679	CAWA-15-91329	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
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.138	—	—	0.017	mg/L	Y	—	J	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0408	—	—	0.017	mg/L	Y	J	U	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0765	—	—	0.017	mg/L	Y	—	U	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.194	—	—	0.017	mg/L	Y	—	J-	2015-679	CAWA-15-91356	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.3	—	—	1	µg/L	Y	J	J	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.02	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.8	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3	—	—	1	µg/L	Y	J	J	2015-679	CAWA-15-91356	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	60.4	—	—	15	µg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	63.2	—	—	15	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	63.6	—	—	15	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	62.8	—	—	15	µg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.87	—	—	0.05	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.581	1.73	6.11	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	7.94	3.61	6.13	—	pCi/L	Y	UI	R	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.68	2.09	5.81	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.496	1.64	5.2	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.87	1.89	6.31	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.28	1.9	6.9	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.5	—	—	0.067	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.45	—	—	0.067	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.43	—	—	0.067	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.37	—	—	0.067	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.37	1.75	6.55	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.421	1.51	6.19	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.95	1.92	7.79	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.86	1.29	5.08	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.75	1.66	6.77	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.955	2.2	7.7	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.273	—	—	0.0833	µg/L	Y	—	NQ	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.293	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.235	—	—	0.0856	µg/L	Y	J	J	2016-472	CAWA-16-106916	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.202	—	—	0.0816	µg/L	Y	J	J	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.216	—	—	0.0842	µg/L	Y	J	J	2015-679	CAWA-15-91329	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.247	—	—	0.0816	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.084	—	—	0.033	mg/L	Y	J	J	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0877	—	—	0.033	mg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.093	—	—	0.033	mg/L	Y	J	J	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0675	—	—	0.033	mg/L	Y	J	J	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.25	0.812	2.68	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.465	0.651	2.6	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.418	0.436	2.66	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.465	0.463	1.78	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.842	0.563	1.82	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.077	0.64	2.7	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.37	0.869	2.87	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.48	0.773	2.45	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.35	0.404	1.17	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.937	0.686	2.31	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.149	0.759	2.81	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.459	0.72	2.6	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.1	—	—	0.453	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.2	—	—	0.453	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.6	—	—	0.453	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.9	—	—	0.453	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.42	—	—	0.0833	µg/L	Y	—	NQ	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.25	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.27	—	—	0.0856	µg/L	Y	—	NQ	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.53	—	—	0.0816	µg/L	Y	—	NQ	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.17	—	—	0.0842	µg/L	Y	—	NQ	2015-679	CAWA-15-91329	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.13	—	—	0.11	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.08	—	—	0.11	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.55	—	—	0.3	µg/L	Y	J	J	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.32	—	—	0.3	µg/L	Y	J	J-	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.48	—	—	0.3	µg/L	Y	J	J-	2015-679	CAWA-15-91329	GELC
CDV-16-4ip S1	815.6	08/19/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	1	—	—	0.3	µg/L	Y	U	U	2014-4394	CAWA-14-84593	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	03/14/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.649	—	—	0.0833	µg/L	Y	—	NQ	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.636	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.586	—	—	0.0856	µg/L	Y	—	NQ	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.528	—	—	0.0816	µg/L	Y	—	NQ	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.557	—	—	0.0842	µg/L	Y	—	NQ	2015-679	CAWA-15-91329	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.559	—	—	0.0816	µg/L	Y	Q	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.594	—	—	0.165	µg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.603	—	—	0.165	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.592	—	—	0.165	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.637	—	—	0.165	µg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.5	4.49	14	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.05	3.08	11.3	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.22	3.69	13.4	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.162	2.52	8.74	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.31	3.12	11.3	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.71	3.5	11	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.57	—	—	0.5	µg/L	Y	J	J	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.693	—	—	0.5	µg/L	Y	J	J	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.727	—	—	0.5	µg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.526	—	—	0.5	µg/L	Y	J	J	2015-679	CAWA-15-91356	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	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	—	0.085	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.85	—	—	0.017	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.89	—	—	0.085	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.911	—	—	0.017	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.372	—	—	0.05	µg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.385	—	—	0.05	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	—	0.05	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	RE	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	H	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0156	0.0074	0.0353	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0063	0.0406	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00896	0.00668	0.0385	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00589	0.0379	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00901	0.0065	0.031	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00913	0.0045	0.023	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0111	0.00804	0.0324	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0189	0.0118	0.0924	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00597	0.00597	0.0877	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00294	0.00658	0.0421	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0018	0.00403	0.0262	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0128	0.0052	0.034	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.922	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.935	—	—	0.05	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.08	—	—	0.05	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.743	24.4	92.2	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.23	18.6	75.7	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	23.4	33.1	77.6	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	37.2	16.3	58.9	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	49.5	23.2	50.5	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-55.6	20	33	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	134	—	—	2.08	µg/L	Y	—	NQ	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	135	—	—	4.21	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	152	—	—	4.28	µg/L	Y	—	NQ	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	122	—	—	4.08	µg/L	Y	—	NQ	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	144	—	—	4.21	µg/L	Y	—	J+	2015-679	CAWA-15-91329	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	0.053	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.4	—	—	0.53	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.9	—	—	0.53	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.4	—	—	0.053	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.69	—	—	0.1	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.88	—	—	0.1	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-4.98	2.08	6.05	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0134	1.47	5.87	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.826	1.85	6.71	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.26	1.16	4.21	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.61	1.52	4.87	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.28	1.8	4.8	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	3.63	µS/cm	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	3.63	µS/cm	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	62.2	—	—	1	µg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.3	—	—	1	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	59.9	—	—	1	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.8	—	—	1	µg/L	Y	—	NQ	2015-679	CAWA-15-91356	GELC
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	03/14/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.138	0.129	0.494	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0908	0.0513	0.182	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.113	0.0443	0.161	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0909	0.134	0.488	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0945	0.132	0.472	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.383	0.14	0.53	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.6	—	—	0.133	mg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.57	—	—	0.133	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.53	—	—	0.133	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	—	—	0.133	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	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	03/14/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.79	—	—	0.3	µg/L	Y	J	J	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.96	—	—	0.3	µg/L	Y	J	J-	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.97	—	—	0.3	µg/L	Y	J	J-	2015-679	CAWA-15-91329	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	03/14/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.224	—	—	0.0833	µg/L	Y	J	J	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.273	—	—	0.0842	µg/L	Y	—	NQ	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.24	—	—	0.0856	µg/L	Y	J	J	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.183	—	—	0.0816	µg/L	Y	J	J	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.216	—	—	0.0842	µg/L	Y	J	J	2015-679	CAWA-15-91329	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.242	—	—	0.0816	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	J	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	77.1	—	—	3.4	mg/L	Y	—	NQ	2015-679	CAWA-15-91356	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	03/14/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.574	—	—	0.33	mg/L	Y	J	J	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.699	—	—	0.33	mg/L	Y	J	J	2016-472	CAWA-16-106916	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.688	—	—	0.33	mg/L	Y	J	J	2016-472	CAWA-16-106929	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.09	—	—	0.33	mg/L	Y	—	NQ	2015-679	CAWA-15-91329	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	03/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0238	—	—	0.017	mg/L	Y	J	J	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0187	—	—	0.017	mg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0271	—	—	0.017	mg/L	Y	J	J	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0329	—	—	0.017	mg/L	Y	J	J	2015-679	CAWA-15-91356	GELC
CDV-16-4ip S1	815.6	08/19/14	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	2014-4394	CAWA-14-84609	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	03/14/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.6	—	—	0.3	µg/L	Y	J	J	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	07/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.62	—	—	0.3	µg/L	Y	J	J-	2015-1739	CAWA-15-100835	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.52	—	—	0.3	µg/L	Y	J	J-	2015-679	CAWA-15-91329	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	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.453	—	—	0.067	µg/L	Y	—	NQ	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.423	—	—	0.067	µg/L	Y	—	NQ	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.435	—	—	0.067	µg/L	Y	—	NQ	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.426	—	—	0.067	µg/L	Y	—	NQ	2015-679	CAWA-15-91356	GELC
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	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.292	0.0276	0.0862	—	pCi/L	Y	—	NQ	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.239	0.0269	0.045	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.255	0.0256	0.041	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.278	0.0286	0.0619	—	pCi/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.252	0.0344	0.0765	—	pCi/L	Y	—	J	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.27	0.031	0.046	—	pCi/L	Y	—	NQ	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0255	0.0124	0.0551	—	pCi/L	Y	U	U	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0101	0.00888	0.0429	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54739	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0153	0.00809	0.0391	—	pCi/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0199	0.00939	0.0359	—	pCi/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00805	0.00986	0.0432	—	pCi/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0161	0.0077	0.03	—	pCi/L	Y	U	U	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.193	0.0227	0.055	—	pCi/L	Y	—	NQ	2016-881	CAWA-16-110739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.0203	0.042	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.176	0.022	0.0383	—	pCi/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.175	0.0223	0.0335	—	pCi/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.15	0.0221	0.0409	—	pCi/L	Y	—	J	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	03/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.18	0.024	0.032	—	pCi/L	Y	—	NQ	11-1556	CAWA-11-5673	GELC
CDV-16-4ip S1	815.6	03/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.11	—	—	1	µg/L	Y	J	J	2016-881	CAWA-16-110770	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.52	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106948	GELC
CDV-16-4ip S1	815.6	12/07/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.92	—	—	1	µg/L	Y	J	J	2016-472	CAWA-16-106918	GELC
CDV-16-4ip S1	815.6	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.79	—	—	1	µg/L	Y	J	J	2015-679	CAWA-15-91356	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-16-611923	3.2	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	—	0.01	SU	Y	H	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.08	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.36	—	—	0.01	SU	Y	H	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.17	—	—	0.01	SU	Y	H	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.03	—	—	0.01	SU	Y	H	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.02	—	—	0.01	SU	Y	H	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.2	—	—	0.725	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.1	—	—	0.725	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.4	—	—	0.725	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.2	—	—	0.725	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.725	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	0.725	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	86.7	—	—	68	µg/L	Y	J	J	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	Y	141	—	—	68	µg/L	Y	J	J	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	68.2	—	—	68	µg/L	Y	J	J	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-4334	CAWA-14-84610	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00172	0.00516	0.0322	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00859	0.00608	0.0402	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00602	0.0603	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0105	0.0047	0.041	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.292	—	—	0.0856	µg/L	Y	—	NQ	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.257	—	—	0.0838	µg/L	Y	J	J	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.279	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.571	—	—	0.0825	µg/L	Y	—	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.335	—	—	0.0829	µg/L	Y	H	J-	2015-750	CAWA-15-91330	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	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.289	—	—	0.0856	µg/L	Y	—	NQ	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.252	—	—	0.0838	µg/L	Y	J	J	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.251	—	—	0.0865	µg/L	Y	J	J	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.4	—	—	0.0825	µg/L	Y	—	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.212	—	—	0.0829	µg/L	Y	HJ	J-	2015-750	CAWA-15-91330	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	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0712	—	—	0.017	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0966	—	—	0.017	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0559	—	—	0.017	mg/L	Y	—	U	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.157	—	—	0.017	mg/L	Y	—	J-	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0706	—	—	0.017	mg/L	Y	—	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.126	—	—	0.017	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0996	—	—	0.017	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	7070	—	—	1	µg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	7110	—	—	1	µg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	9090	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.7	—	—	15	µg/L	Y	J	J	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	24.3	—	—	15	µg/L	Y	J	J	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	32	—	—	15	µg/L	Y	J	J	2016-512	CAWA-16-106949	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	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0691	—	—	0.067	mg/L	Y	J	J	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0745	—	—	0.067	mg/L	Y	J	J	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0694	—	—	0.067	mg/L	Y	J	J	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0845	—	—	0.067	mg/L	Y	J	J	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.122	—	—	0.067	mg/L	Y	J	J	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.8	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.11	1.33	4.96	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.83	1.25	3.98	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.31	1.93	8.01	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.499	1.2	4.6	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	22.2	—	—	0.335	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	22.1	—	—	0.335	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.4	—	—	0.335	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.7	—	—	0.335	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.8	—	—	0.134	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.8	—	—	0.134	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.77	—	—	2	µg/L	Y	J	J	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.8	—	—	2	µg/L	Y	J	J	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.38	—	—	2	µg/L	Y	J	J	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4334	CAWA-14-84610	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.97	—	—	2	µg/L	Y	J	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.45	—	—	2	µg/L	Y	J	J	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.53	—	—	2	µg/L	Y	J	J	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	4.74	—	—	1	µg/L	Y	J	J	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	Y	5.67	—	—	1	µg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2016-512	CAWA-16-106949	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	08/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-4334	CAWA-14-84610	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.689	1.39	5.07	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.16	1.25	3.67	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.07	2.31	8.18	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.393	1.4	5.3	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.264	—	—	0.0856	µg/L	Y	J	J	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.308	—	—	0.0838	µg/L	Y	—	NQ	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.37	—	—	0.0825	µg/L	Y	—	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	N	0.259	—	—	0.0829	µg/L	Y	UH	UJ	2015-750	CAWA-15-91330	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.108	—	—	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	DNX	DNX	Y	0.12	—	—	0.087	µg/L	Y	JQ	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	DNX	DNX	Y	0.231	—	—	0.0842	µg/L	Y	J	J	12-1414	CAWA-12-17544	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.176	—	—	0.033	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.176	—	—	0.033	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.217	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.218	—	—	0.033	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.171	—	—	0.033	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.201	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.449	0.73	2.8	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.935	0.82	2.91	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.23	0.7	1.63	—	pCi/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.7	1	2.2	—	pCi/L	Y	—	J-	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.87	0.908	2.44	—	pCi/L	Y	—	NQ	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	10.4	1.17	2.91	—	pCi/L	Y	—	NQ	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.07	0.432	1.03	—	pCi/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.45	1.3	2.9	—	pCi/L	Y	—	NQ	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.5	—	—	0.453	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.9	—	—	0.453	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96.1	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.06	—	—	0.0856	µg/L	Y	—	NQ	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.91	—	—	0.0838	µg/L	Y	—	NQ	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.35	—	—	0.0865	µg/L	Y	—	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.17	—	—	0.0825	µg/L	Y	Q	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.15	—	—	0.0829	µg/L	Y	H	J-	2015-750	CAWA-15-91330	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	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	669	—	—	30	µg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	614	—	—	30	µg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	1020	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.09	—	—	0.11	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.13	—	—	0.11	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.11	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	03/25/13	WG	F	INIT	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	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	179	—	—	2	µg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	178	—	—	2	µg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	313	—	—	2	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.25	—	—	0.0856	µg/L	Y	J	J	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.335	—	—	0.0838	µg/L	Y	—	NQ	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.582	—	—	0.0825	µg/L	Y	—	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	N	0.259	—	—	0.0829	µg/L	Y	UH	UJ	2015-750	CAWA-15-91330	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.143	—	—	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	MNX	MNX	Y	0.138	—	—	0.087	µg/L	Y	JQ	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	MNX	MNX	Y	0.279	—	—	0.0842	µg/L	Y	—	NQ	12-1414	CAWA-12-17544	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.697	—	—	0.165	µg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.692	—	—	0.165	µg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.757	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.966	2.89	10.2	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.709	2.44	8.71	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.08	3.45	12.5	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.41	2.5	9.2	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.86	—	—	0.5	µg/L	Y	J	J	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.8	—	—	0.5	µg/L	Y	J	J	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.98	—	—	0.5	µg/L	Y	J	J	2016-512	CAWA-16-106949	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	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0172	—	—	0.017	mg/L	Y	J	J	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0206	—	—	0.017	mg/L	Y	J	J	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0449	—	—	0.017	mg/L	Y	J	J	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.129	—	—	0.017	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0252	—	—	0.017	mg/L	Y	J	J	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0247	—	—	0.017	mg/L	Y	J	J	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0887	—	—	0.05	µg/L	Y	J	J	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.115	—	—	0.05	µg/L	Y	J	J	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.12	—	—	0.05	µg/L	Y	J	J	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.011	0.00956	0.0421	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0145	0.0087	0.0556	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00265	0.0046	0.0342	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00236	0.0024	0.039	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00877	0.00759	0.0398	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0029	0.00648	0.0527	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00796	0.00702	0.0779	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00708	0.0063	0.03	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.38	—	—	0.05	mg/L	Y	E	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.37	—	—	0.05	mg/L	Y	E	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.29	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.64	17.9	68.3	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-11.9	14.6	54.3	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.3	24.9	93.9	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.3	17	66	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.4	—	—	0.0856	µg/L	Y	—	NQ	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.68	—	—	0.0838	µg/L	Y	—	NQ	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1	—	—	0.0865	µg/L	Y	Q	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.99	—	—	0.0825	µg/L	Y	—	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.457	—	—	0.0829	µg/L	Y	H	J-	2015-750	CAWA-15-91330	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	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	41	—	—	0.053	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.4	—	—	0.053	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.7	—	—	0.053	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.4	—	—	0.053	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	36.1	—	—	0.053	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.8	—	—	0.053	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.3	—	—	0.053	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.5	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	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
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0804	0.978	3.8	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0935	1.09	4.14	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.714	2.13	8.75	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.716	1.1	3.9	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283	—	—	3.63	µS/cm	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	281	—	—	3.63	µS/cm	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	254	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	3.63	µS/cm	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	272	—	—	1	µS/cm	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	301	—	—	1	µS/cm	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	300	—	—	1	µS/cm	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	208	—	—	1	µg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	210	—	—	1	µg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	237	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106949	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	03/28/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.133	0.122	0.451	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.162	0.12	0.403	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.119	0.0482	0.155	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.152	0.14	0.49	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.16	—	—	0.133	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.21	—	—	0.133	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.7	—	—	0.133	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.44	—	—	0.133	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.52	—	—	0.133	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.47	—	—	0.133	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.452	—	—	0.0856	µg/L	Y	—	NQ	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.483	—	—	0.0838	µg/L	Y	—	NQ	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	07/22/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.316	—	—	0.0825	µg/L	Y	—	NQ	2015-1842	CAWA-15-100836	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	N	0.259	—	—	0.0829	µg/L	Y	UH	UJ	2015-750	CAWA-15-91330	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.19	—	—	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	TNX	TNX	Y	0.227	—	—	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	TNX	TNX	Y	0.502	—	—	0.0842	µg/L	Y	—	NQ	12-1414	CAWA-12-17544	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.265	—	—	0.033	mg/L	Y	—	NQ	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.183	—	—	0.033	mg/L	Y	—	NQ	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.185	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.47	—	—	0.033	mg/L	Y	—	J	2015-750	CAWA-15-91330	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.34	—	—	0.033	mg/L	Y	—	J-	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.164	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.264	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.2	—	—	0.33	mg/L	Y	—	NQ	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.2	—	—	0.33	mg/L	Y	—	NQ	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	12/11/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.13	—	—	0.33	mg/L	Y	—	NQ	2016-512	CAWA-16-106930	GELC
CDV-16-611923	3.2	01/29/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.41	—	—	0.33	mg/L	Y	—	NQ	2015-750	CAWA-15-91330	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.15	—	—	0.33	mg/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.63	—	—	0.33	mg/L	Y	—	NQ	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.57	—	—	0.33	mg/L	Y	—	NQ	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	03/28/16	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	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0274	—	—	0.017	mg/L	Y	J	J	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0904	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106949	GELC
CDV-16-611923	3.2	01/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0622	—	—	0.017	mg/L	Y	—	NQ	2015-750	CAWA-15-91357	GELC
CDV-16-611923	3.2	03/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.106	—	—	0.017	mg/L	Y	—	NQ	2014-2999	CAWA-14-54761	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-663	CAWA-13-28854	GELC
CDV-16-611923	3.2	03/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-663	CAWA-13-28789	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0773	0.0177	0.0954	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0928	0.0167	0.102	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0644	0.0267	0.0667	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.564	0.056	0.048	—	pCi/L	Y	—	NQ	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0418	0.0119	0.0654	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.035	0.0115	0.0697	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0149	0.0132	0.0636	—	pCi/L	Y	U	U	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0309	0.011	0.042	—	pCi/L	Y	U	U	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0338	0.0113	0.0621	—	pCi/L	Y	U	U	2016-961	CAWA-16-110740	GELC
CDV-16-611923	3.2	03/28/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0464	0.0115	0.0663	—	pCi/L	Y	U	U	2016-961	CAWA-16-110695	GELC
CDV-16-611923	3.2	03/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.101	0.0217	0.0623	—	pCi/L	Y	—	NQ	2014-2999	CAWA-14-54740	GELC
CDV-16-611923	3.2	01/25/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.372	0.042	0.04	—	pCi/L	Y	—	NQ	12-651	CAWA-12-1942	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.72	—	—	1	µg/L	Y	J	J	2016-961	CAWA-16-110771	GELC
CDV-16-611923	3.2	03/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.47	—	—	1	µg/L	Y	J	J	2016-961	CAWA-16-110698	GELC
CDV-16-611923	3.2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.34	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106949	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-611923	3.2	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-37-1(i)	632	03/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.29	—	—	0.01	SU	Y	H	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	J-	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.7	—	—	0.725	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.5	—	—	0.725	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.3	—	—	0.725	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.9	—	—	0.725	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	0.725	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.8	—	—	0.73	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0111	0.0101	0.0396	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00504	0.0505	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0112	0.00744	0.0449	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00193	0.0058	0.038	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.01	0.0045	0.028	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00988	0.0044	0.032	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	7.88	—	—	1	µg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	7.2	—	—	1	µg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.23	—	—	1	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.35	—	—	1	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.8	—	—	1	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.27	—	—	1	µg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.65	—	—	0.05	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.59	—	—	0.05	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.92	—	—	0.05	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.42	—	—	0.05	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.981	2.27	7.26	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.156	1.82	5.66	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.52	1.68	5.44	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.28	1.9	7.2	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.728	1.6	5.6	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-7.36	2.2	7.5	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.18	—	—	0.067	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.2	—	—	0.067	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.2	—	—	0.067	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.21	—	—	0.067	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.22	—	—	0.067	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.23	—	—	0.066	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.36	—	—	2	µg/L	Y	J	J	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.69	1.88	6.48	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.57	1.49	5.66	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.28	1.93	6.86	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.1	1.6	6.7	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.27	1.6	6	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.79	1.5	2.9	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.103	—	—	0.033	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.134	—	—	0.033	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.67	0.557	2.89	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.238	0.61	2.64	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.474	0.373	1.78	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.45	0.71	1.9	—	pCi/L	Y	U	UJ	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.902	0.66	2.2	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.602	0.59	2.1	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.24	0.583	1.74	—	pCi/L	Y	—	NQ	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.855	0.352	1.25	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	-0.0466	0.309	1.04	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.158	0.56	2.1	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.701	0.74	2.9	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.44	0.76	2.4	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.2	—	—	0.453	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34	—	—	0.453	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.4	—	—	0.453	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.6	—	—	0.453	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36	—	—	0.453	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.7	—	—	0.45	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.41	—	—	0.11	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.41	—	—	0.11	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.17	—	—	0.11	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.25	—	—	0.11	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.57	—	—	0.11	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.23	—	—	0.11	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	4.35	—	—	2	µg/L	Y	J	J	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.17	—	—	2	µg/L	Y	J	J	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.19	—	—	2	µg/L	Y	J	J	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.02	—	—	2	µg/L	Y	J	J	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.71	—	—	2	µg/L	Y	J	J	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	6.93	—	—	2	µg/L	Y	J	J	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.165	µg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.165	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.17	µg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.35	3.71	12.1	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.97	3.01	10.1	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.55	3.18	11.9	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.53	3.9	13	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.21	2.6	9.5	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	12/01/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.84	3.9	12	—	pCi/L	Y	U	U	11-756	CAWA-11-2117	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.07	—	—	0.5	µg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.07	—	—	0.5	µg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.23	—	—	0.5	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.22	—	—	0.5	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.01	—	—	0.5	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.41	—	—	0.5	µg/L	Y	J	J	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.127	—	—	0.017	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.148	—	—	0.017	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.215	—	—	0.017	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.256	—	—	0.017	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.103	—	—	0.017	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0274	—	—	0.01	mg/L	Y	J	J+	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.132	—	—	0.05	µg/L	Y	J	J	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.127	—	—	0.05	µg/L	Y	J	J	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.128	—	—	0.05	µg/L	Y	J	J	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.121	—	—	0.05	µg/L	Y	J	J	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.125	—	—	0.05	µg/L	Y	J	J	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	06/20/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.257	—	—	0.05	µg/L	Y	—	NQ	11-2700	CAWA-11-14061	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00797	0.00746	0.0315	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00277	0.0062	0.0357	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00609	0.0392	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.012	0.006	0.058	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00597	0.004	0.024	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0039	0.037	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.00845	0.029	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00277	0.00919	0.0814	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00608	0.00608	0.0893	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.014	0.045	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.0069	0.036	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00832	0.011	0.054	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.529	—	—	0.05	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.332	—	—	0.05	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.472	—	—	0.05	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.502	—	—	0.05	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.589	—	—	0.05	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.491	—	—	0.05	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-58.5	22.9	81.5	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.8	17.5	58.7	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-18.4	17.8	70.5	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-30.7	23	77	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.593	22	78	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.4	23	76	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.5	—	—	0.053	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.1	—	—	0.053	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.5	—	—	0.053	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.5	—	—	0.053	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.5	—	—	0.053	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.21	1.91	6.43	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.117	1.05	4.17	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.42	1.93	6.92	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.24	1.8	6.6	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.137	1.9	6.1	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.41	1.4	5.6	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	3.63	µS/cm	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	100	—	—	3.63	µS/cm	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	1	µS/cm	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	1	µS/cm	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.3	—	—	1	µg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	46.4	—	—	1	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	47.8	—	—	1	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	47.1	—	—	1	µg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.337	0.14	0.486	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.13	0.127	0.475	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0818	0.135	0.488	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0264	0.14	0.49	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.141	0.14	0.48	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.17	0.14	0.5	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.83	—	—	0.133	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.66	—	—	0.133	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.05	—	—	0.133	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.09	—	—	0.133	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.94	—	—	0.1	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	90	—	—	3.4	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	91.4	—	—	3.4	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.648	—	—	0.33	mg/L	Y	J	J	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	02/06/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.565	—	—	0.33	mg/L	Y	J	J	2015-772	CAWA-15-91331	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.02	—	—	0.33	mg/L	Y	—	NQ	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.11	—	—	0.33	mg/L	Y	—	NQ	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	03/22/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.16	—	—	0.33	mg/L	Y	—	NQ	2013-658	CAWA-13-28829	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.01	—	—	0.33	mg/L	Y	—	NQ	12-644	CAWA-12-1966	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0251	—	—	0.017	mg/L	Y	J	J	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0558	—	—	0.017	mg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.198	—	—	0.017	mg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.171	—	—	0.017	mg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0772	—	—	0.015	mg/L	Y	—	U	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.387	0.721	2.472	—	pCi/L	Y	U	U	2016-946	CAWA-16-110741	ARSL
CDV-37-1(i)	632	02/06/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.126	0.688	2.19	—	pCi/L	Y	U	U	2015-789	CAWA-15-91331	ARSL
CDV-37-1(i)	632	03/22/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.58	0.737	2.447	—	pCi/L	Y	U	U	2013-674	CAWA-13-28829	ARSL
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.161	0.8694	2.9302	—	pCi/L	Y	U	U	11-2729	CAWA-11-14062	ARSL
CDV-37-1(i)	632	03/31/11	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.2236	0.6762	2.1252	—	pCi/L	Y	U	U	11-1935	CAWA-11-5324	ARSL
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.4776	0.8694	2.1252	—	pCi/L	N	—	R	11-1935	CAWA-11-5324	ARSL
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.435	—	—	0.067	µg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.407	—	—	0.067	µg/L	Y	—	NQ	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.459	—	—	0.067	µg/L	Y	—	NQ	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.465	—	—	0.067	µg/L	Y	—	NQ	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.476	—	—	0.067	µg/L	Y	—	NQ	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.415	—	—	0.067	µg/L	Y	—	NQ	12-646	CAWA-12-1967	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.251	0.0353	0.161	—	pCi/L	Y	—	NQ	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.279	0.0286	0.0449	—	pCi/L	Y	—	NQ	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.328	0.0295	0.0421	—	pCi/L	Y	—	NQ	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.243	0.029	0.031	—	pCi/L	Y	—	NQ	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.318	0.041	0.093	—	pCi/L	Y	—	NQ	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.363	0.039	0.031	—	pCi/L	Y	—	NQ	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00569	0.00904	0.104	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0168	0.0101	0.0429	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00314	0.00831	0.0402	—	pCi/L	Y	U	U	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.02	0.008	0.027	—	pCi/L	Y	U	U	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0208	0.011	0.053	—	pCi/L	Y	U	U	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0164	0.0078	0.025	—	pCi/L	Y	U	U	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0763	0.0209	0.103	—	pCi/L	Y	U	U	2016-929	CAWA-16-110741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.152	0.0214	0.042	—	pCi/L	Y	—	J	2014-2959	CAWA-14-54741	GELC
CDV-37-1(i)	632	03/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.142	0.0203	0.0394	—	pCi/L	Y	—	NQ	2014-2959	CAWA-14-54704	GELC
CDV-37-1(i)	632	01/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.168	0.022	0.026	—	pCi/L	Y	—	NQ	12-646	CAWA-12-1966	GELC
CDV-37-1(i)	632	06/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.182	0.028	0.042	—	pCi/L	Y	—	NQ	11-2700	CAWA-11-14062	GELC
CDV-37-1(i)	632	03/31/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.161	0.022	0.034	—	pCi/L	Y	—	NQ	11-1872	CAWA-11-5324	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.7	—	—	1	µg/L	Y	J	J	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-646	CAWA-12-1967	GELC
CDV-37-1(i)	632	03/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	12.8	—	—	3.3	µg/L	Y	—	NQ	2016-929	CAWA-16-110772	GELC
CDV-37-1(i)	632	02/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.14	—	—	3.3	µg/L	Y	J	J	2015-772	CAWA-15-91358	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-2959	CAWA-14-54762	GELC
CDV-37-1(i)	632	03/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.51	—	—	3.3	µg/L	Y	J	J	2014-2959	CAWA-14-54707	GELC
CDV-37-1(i)	632	03/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.52	—	—	3.3	µg/L	Y	J	J	2013-658	CAWA-13-28855	GELC
CDV-37-1(i)	632	01/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	9.63	—	—	3.3	µg/L	Y	J	J	12-646	CAWA-12-1967	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	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	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	0.725	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.7	—	—	0.725	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.7	—	—	0.725	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.3	—	—	0.725	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.7	—	—	0.725	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00176	0.00466	0.0316	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00517	0.00622	0.0309	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00338	0.0122	0.065	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0209	0.0128	0.0502	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.331	—	—	0.0825	µg/L	Y	—	NQ	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.412	—	—	0.0865	µg/L	Y	—	NQ	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.625	—	—	0.0812	µg/L	Y	—	NQ	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.769	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.756	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.29	—	—	0.0825	µg/L	Y	—	NQ	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.36	—	—	0.0865	µg/L	Y	—	NQ	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.382	—	—	0.0812	µg/L	Y	—	NQ	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.47	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.446	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	4.71	—	—	1	µg/L	Y	J	J	2016-927	CAWA-16-110773	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	4.5	—	—	1	µg/L	Y	J	J	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.96	—	—	1	µg/L	Y	J	J	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.94	—	—	1	µg/L	Y	J	J	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	2.94	—	—	1	µg/L	Y	J	J	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.7	—	—	15	µg/L	Y	J	J	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	34.4	—	—	15	µg/L	Y	J	J	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	52.4	—	—	15	µg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	51.1	—	—	15	µg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	50.5	—	—	15	µg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	2.44	—	—	0.067	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	2.75	—	—	0.067	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0745	—	—	0.067	mg/L	Y	J	J	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0778	—	—	0.067	mg/L	Y	J	J	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0855	—	—	0.067	mg/L	Y	J	J	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.07	—	—	0.05	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.09	—	—	0.05	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.67	1.62	5.57	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.491	1.58	5.47	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.33	1.66	5.44	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.66	1.69	5.79	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.8	—	—	0.134	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.7	—	—	0.134	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.95	—	—	0.067	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.13	—	—	0.067	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.11	—	—	0.067	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.16	—	—	2	µg/L	Y	J	J	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.78	—	—	2	µg/L	Y	J	J	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.18	—	—	2	µg/L	Y	J	J	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00157	1.57	5.94	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.142	1.3	4.83	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.985	1.82	6.54	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.991	1.77	5.92	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.111	—	—	0.033	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.116	—	—	0.033	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.101	—	—	0.033	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.103	—	—	0.033	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.11	—	—	0.033	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.86	0.973	2.96	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.45	0.881	2.88	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.945	0.437	1.41	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	2.56	0.545	1.59	—	pCi/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.875	0.385	1.25	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.88	0.619	1.95	—	pCi/L	Y	—	NQ	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.2	0.452	1.46	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.37	0.456	1.42	—	pCi/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.3	—	—	0.453	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50	—	—	0.453	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.3	—	—	0.453	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.7	—	—	0.453	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.8	—	—	0.453	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.77	—	—	0.0825	µg/L	Y	—	NQ	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.96	—	—	0.0865	µg/L	Y	—	NQ	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.42	—	—	0.0812	µg/L	Y	—	NQ	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.46	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.56	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.28	—	—	0.11	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.82	—	—	0.11	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.81	—	—	0.11	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.27	—	—	2	µg/L	Y	J	J	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.36	—	—	2	µg/L	Y	J	J	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	8.5	—	—	2	µg/L	Y	J	J	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	5.17	—	—	2	µg/L	Y	J	J	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	5.05	—	—	2	µg/L	Y	J	J	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.08	—	—	0.3	µg/L	Y	—	NQ	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.01	—	—	0.3	µg/L	Y	—	J-	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.16	—	—	0.3	µg/L	Y	—	NQ	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.23	—	—	0.3	µg/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.24	—	—	0.3	µg/L	Y	—	NQ	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.165	—	—	0.0825	µg/L	Y	J	J	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.175	—	—	0.0865	µg/L	Y	J	J	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.251	—	—	0.0812	µg/L	Y	J	J	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.414	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.415	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.165	µg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.82	—	—	0.165	µg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.23	—	—	0.165	µg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.17	—	—	0.165	µg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.534	3.45	12.1	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.84	2.72	9.27	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0386	3.48	12	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.319	3.37	11.8	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.945	—	—	0.5	µg/L	Y	J	J	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.894	—	—	0.5	µg/L	Y	J	J	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.17	—	—	0.5	µg/L	Y	J	J	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.673	—	—	0.5	µg/L	Y	J	J	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.615	—	—	0.5	µg/L	Y	J	J	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	—	—	0.017	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.03	—	—	0.017	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	—	0.085	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.65	—	—	0.085	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.63	—	—	0.085	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.43	—	—	0.05	µg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.441	—	—	0.05	µg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.404	—	—	0.05	µg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.429	—	—	0.05	µg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.389	—	—	0.05	µg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-2.12E-09	0.0088	0.0402	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00681	0.00753	0.0359	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0117	0.00717	0.0396	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00259	0.0058	0.0351	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0102	0.0108	0.0369	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00681	0.00752	0.033	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00877	0.00877	0.0496	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00733	0.044	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.26	—	—	0.05	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.02	—	—	0.05	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.03	—	—	0.05	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	29.2	17.7	47.6	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	21.7	23.6	51.5	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.23	19.3	67.7	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-9.58	18.1	65.8	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	25.4	—	—	0.412	µg/L	Y	—	NQ	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	24.2	—	—	0.432	µg/L	Y	—	NQ	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	25	—	—	0.406	µg/L	Y	—	NQ	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	37.3	—	—	0.432	µg/L	Y	—	NQ	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	32.4	—	—	0.432	µg/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	3.76	—	—	1.5	µg/L	Y	J	J	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	Y	4.65	—	—	1.5	µg/L	Y	J	J	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49	—	—	0.053	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.1	—	—	0.053	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.3	—	—	0.053	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.4	—	—	0.053	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.4	—	—	0.053	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.4	—	—	0.1	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.8	—	—	0.1	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23	—	—	0.1	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.8	—	—	0.1	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.9	—	—	0.1	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.43	1.62	5.67	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.16	1.67	4.36	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.23	1.65	5.9	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.69	1.74	6.29	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	3.63	µS/cm	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	3.63	µS/cm	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	3.63	µS/cm	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	3.63	µS/cm	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	3.63	µS/cm	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.1	—	—	1	µg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.9	—	—	1	µg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.2	—	—	1	µg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.228	0.148	0.494	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0922	0.121	0.472	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0231	0.135	0.484	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.167	0.129	0.494	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.79	—	—	0.133	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.71	—	—	0.133	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.83	—	—	0.133	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.47	—	—	0.133	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.51	—	—	0.133	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.35	—	—	0.3	µg/L	Y	—	NQ	2016-927	CAWA-16-110742	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.25	—	—	0.3	µg/L	Y	—	J-	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.01	—	—	0.3	µg/L	Y	—	NQ	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1	—	—	0.3	µg/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.93	—	—	0.3	µg/L	Y	J	J	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.105	—	—	0.0825	µg/L	Y	J	J	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.115	—	—	0.0865	µg/L	Y	J	J	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.182	—	—	0.0812	µg/L	Y	J	J	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.35	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.332	—	—	0.0865	µg/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.2	—	—	0.33	mg/L	Y	—	NQ	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.19	—	—	0.33	mg/L	Y	—	NQ	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.03	—	—	0.33	mg/L	Y	—	J-	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.03	—	—	0.33	mg/L	Y	—	J-	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.815	—	—	0.33	mg/L	Y	J	J-	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0305	—	—	0.017	mg/L	Y	J	J	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	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	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0666	—	—	0.017	mg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0576	—	—	0.017	mg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0502	—	—	0.017	mg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.74	—	—	0.3	µg/L	Y	J	J	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.71	—	—	0.3	µg/L	Y	J	J-	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.41	—	—	0.3	µg/L	Y	J	J	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.38	—	—	0.3	µg/L	Y	J	J	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.31	—	—	0.3	µg/L	Y	J	J	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.745	2.554	2.387	—	pCi/L	Y	—	J-	2016-946	CAWA-16-110742	ARSL
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	14.665	2.355	2.018	—	pCi/L	Y	—	J-	2016-946	CAWA-16-110696	ARSL
CDV-9-1(i) S1	937.4	07/15/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	16.423	2.629	2.116	—	pCi/L	Y	—	J-	2015-1818	CAWA-15-100837	ARSL
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.967	—	—	0.067	µg/L	Y	—	NQ	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.963	—	—	0.067	µg/L	Y	—	NQ	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.957	—	—	0.067	µg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.739	—	—	0.067	µg/L	Y	—	NQ	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.719	—	—	0.067	µg/L	Y	—	NQ	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.49	0.045	0.141	—	pCi/L	Y	—	NQ	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.643	0.0527	0.149	—	pCi/L	Y	—	NQ	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.684	0.0504	0.0908	—	pCi/L	Y	—	NQ	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.64	0.0382	0.0583	—	pCi/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0349	0.0146	0.0908	—	pCi/L	Y	U	U	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.042	0.0162	0.0955	—	pCi/L	Y	U	U	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0255	0.0134	0.0575	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0327	0.0122	0.0369	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.406	0.0413	0.0906	—	pCi/L	Y	—	NQ	2016-927	CAWA-16-110742	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.362	0.0399	0.0953	—	pCi/L	Y	—	NQ	2016-927	CAWA-16-110696	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.385	0.0383	0.0646	—	pCi/L	Y	—	J	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.362	0.0288	0.0415	—	pCi/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.71	—	—	1	µg/L	Y	J	J	2016-927	CAWA-16-110773	GELC
CDV-9-1(i) S1	937.4	03/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.33	—	—	1	µg/L	Y	J	J	2016-927	CAWA-16-110699	GELC
CDV-9-1(i) S1	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.89	—	—	1	µg/L	Y	J	J	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.46	—	—	1	µg/L	Y	J	J	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i) S1	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.63	—	—	1	µg/L	Y	J	J	2015-1245	CAWA-15-95842	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	2016-928	CAWA-16-110774	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	0.725	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.6	—	—	0.725	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.1	—	—	0.725	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.9	—	—	0.725	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00178	0.00471	0.0319	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00241	0.00539	0.0483	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0023	0.00762	0.046	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00901	0.004	0.036	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00598	0.0052	0.044	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0014	0.0041	0.024	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.7	—	—	1	µg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.3	—	—	1	µg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.1	—	—	1	µg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.96	1.67	5.13	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.03	1.24	4.24	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.421	1.31	4.69	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.99	1.4	5.2	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.946	1.3	4.4	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.836	1.2	3.7	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.49	—	—	0.067	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.6	—	—	0.067	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.78	—	—	0.067	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.53	—	—	0.067	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.42	—	—	2	µg/L	Y	J	J	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.31	—	—	2	µg/L	Y	J	J	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.36	—	—	2	µg/L	Y	J	J	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-694	CAWA-15-91360	GELC
CdV-R-15-3 S4	1235.1	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4317	CAWA-14-84611	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	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.371	1.21	4.38	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.301	1.13	4.36	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.355	1.34	4.32	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.15	1.2	3.7	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.948	1.3	4.4	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.943	1.4	4.9	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.097	—	—	0.033	mg/L	Y	J	J	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.106	—	—	0.066	mg/L	Y	J	J	2015-1749	CAWA-15-100804	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0793	—	—	0.033	mg/L	Y	J	J	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0797	—	—	0.033	mg/L	Y	J	J	2015-694	CAWA-15-91360	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	03/17/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.62	0.919	2.99	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.51	0.543	2.88	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.642	0.706	2.72	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.258	0.71	3	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.12	0.96	3.3	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.11	0.85	2.91	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.33	0.38	1.2	—	pCi/L	Y	—	NQ	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.411	0.44	1.47	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	1.53	0.414	1.31	—	pCi/L	Y	—	NQ	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.85	0.98	2.8	—	pCi/L	Y	—	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.297	0.71	2.6	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/23/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.36	0.862	2.83	—	pCi/L	Y	U	U	196378	GU07100G153401	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.7	—	—	0.453	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.6	—	—	0.453	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.5	—	—	0.453	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.7	—	—	0.453	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.22	—	—	0.11	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.45	—	—	0.11	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.51	—	—	0.11	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.22	—	—	0.11	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.768	—	—	0.165	µg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.165	µg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.165	µg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.165	µg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.46	3.05	8.96	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.337	2.86	10.2	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.28	2.74	9.32	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.33	2.5	8.3	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.64	12	35	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.91	5.9	18	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.909	—	—	0.5	µg/L	Y	J	J	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.54	—	—	0.5	µg/L	Y	J	J	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.509	—	—	0.5	µg/L	Y	J	J	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-694	CAWA-15-91360	GELC
CdV-R-15-3 S4	1235.1	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2014-4317	CAWA-14-84611	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	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.312	—	—	0.017	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.321	—	—	0.017	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.318	—	—	0.017	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.3	—	—	0.017	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.253	—	—	0.05	µg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.24	—	—	0.05	µg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.243	—	—	0.05	µg/L	Y	—	NQ	2015-694	CAWA-15-91360	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
CdV-R-15-3 S4	1235.1	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0168	0.0072	0.038	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00577	0.00707	0.0372	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00284	0.00634	0.0366	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0165	0.0068	0.026	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00971	0.01	0.041	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00599	0.0045	0.03	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0216	0.00929	0.0349	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00866	0.00957	0.0848	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00284	0.00491	0.0833	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00121	0.0048	0.043	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00486	0.0084	0.039	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.014	0.0072	0.034	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.7	19.2	73.4	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13	16.8	35.7	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	22.6	19.9	58.7	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.77	15	50	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15	17	48	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.3	16	57	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.4	—	—	0.053	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.382	1.29	4.67	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.312	1.22	4.73	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.417	1.03	4.22	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.742	1.4	4.6	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.114	1.2	4.1	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.541	1.4	4.5	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	3.63	µS/cm	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	3.63	µS/cm	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	3.63	µS/cm	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	3.63	µS/cm	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.4	—	—	1	µg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.4	—	—	1	µg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.7	—	—	1	µg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.2	—	—	1	µg/L	Y	—	NQ	2015-694	CAWA-15-91360	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	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	03/17/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0815	0.117	0.46	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.299	0.125	0.478	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0148	0.0517	0.176	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.294	0.15	0.49	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.167	0.11	0.4	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.233	0.09	0.41	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.13	—	—	0.133	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.38	—	—	0.133	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.4	—	—	0.133	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2015-694	CAWA-15-91360	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	03/17/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.344	—	—	0.33	mg/L	Y	J	J	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.483	—	—	0.33	mg/L	Y	J	J-	2015-1749	CAWA-15-100802	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.422	—	—	0.33	mg/L	Y	J	J-	2015-1749	CAWA-15-100838	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.518	—	—	0.33	mg/L	Y	J	J	2015-694	CAWA-15-91333	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	03/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0226	—	—	0.017	mg/L	Y	J	J	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0399	—	—	0.017	mg/L	Y	J	U	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0598	—	—	0.017	mg/L	Y	—	U	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	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	2015-694	CAWA-15-91360	GELC
CdV-R-15-3 S4	1235.1	08/11/14	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	2014-4317	CAWA-14-84611	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	03/17/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.028	0.572	1.948	—	pCi/L	Y	U	U	2016-946	CAWA-16-110743	ARSL
CdV-R-15-3 S4	1235.1	01/20/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.684	0.665	2.189	—	pCi/L	Y	U	U	2015-709	CAWA-15-91333	ARSL
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	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.669	—	—	0.067	µg/L	Y	—	NQ	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.807	—	—	0.067	µg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.714	—	—	0.067	µg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.655	—	—	0.067	µg/L	Y	—	NQ	2015-694	CAWA-15-91360	GELC
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	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.473	0.044	0.14	—	pCi/L	Y	—	NQ	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.555	0.0398	0.0456	—	pCi/L	Y	—	J	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.605	0.0442	0.048	—	pCi/L	Y	—	NQ	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.28	0.036	0.084	—	pCi/L	Y	—	NQ	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.292	0.032	0.071	—	pCi/L	Y	—	NQ	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.268	0.028	0.063	—	pCi/L	Y	—	NQ	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0212	0.0131	0.0899	—	pCi/L	Y	U	U	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0408	0.0127	0.0435	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0358	0.0143	0.0458	—	pCi/L	Y	U	U	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0252	0.0097	0.04	—	pCi/L	Y	U	U	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0295	0.0088	0.036	—	pCi/L	Y	U	U	10-95	CAWA-09-14149	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0289	0.0088	0.033	—	pCi/L	Y	U	U	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.212	0.0295	0.0897	—	pCi/L	Y	—	NQ	2016-928	CAWA-16-110743	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.286	0.0288	0.0426	—	pCi/L	Y	—	NQ	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.31	0.0311	0.0449	—	pCi/L	Y	—	NQ	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	08/05/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.025	0.051	—	pCi/L	Y	—	NQ	10-4059	CAWA-10-24741	GELC
CdV-R-15-3 S4	1235.1	10/07/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.123	0.019	0.043	—	pCi/L	Y	—	NQ	10-95	CAWA-09-14149	GELC
CdV-R-15-3 S4	1235.1	10/09/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.178	0.021	0.035	—	pCi/L	Y	—	NQ	09-73	CAWA-08-16068	GELC
CdV-R-15-3 S4	1235.1	03/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.54	—	—	1	µg/L	Y	J	J	2016-928	CAWA-16-110774	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.17	—	—	1	µg/L	Y	—	NQ	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.22	—	—	1	µg/L	Y	—	NQ	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.25	—	—	1	µg/L	Y	—	NQ	2015-694	CAWA-15-91360	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
Martin Spring	—	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.653	—	—	0.316	µg/L	Y	J	J+	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.62	—	—	0.331	µg/L	Y	J	J	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.471	—	—	0.328	µg/L	Y	J	J	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.56	—	—	0.326	µg/L	Y	J	J	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.539	—	—	0.311	µg/L	Y	J	J	2015-734	CAWA-15-91290	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	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.13	—	—	0.01	SU	Y	H	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	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	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	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	2015-734	CAWA-15-91293	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	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	103	—	—	0.725	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	98.8	—	—	0.725	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.6	—	—	0.725	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.4	—	—	0.725	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.9	—	—	0.725	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	163	—	—	68	µg/L	Y	J	J	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	346	—	—	68	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	1720	—	—	68	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	2040	—	—	68	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	72.2	—	—	68	µg/L	Y	J	J	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	Y	72.8	—	—	68	µg/L	Y	J	J	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0131	0.0062	0.035	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00425	0.00425	0.0358	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00418	0.00781	0.0418	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0072	0.0072	0.047	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-2.22E-09	0.0077	0.044	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00942	0.005	0.031	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00538	0.0048	0.03	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.07	—	—	0.0842	µg/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.949	—	—	0.0884	µg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.09	—	—	0.0874	µg/L	Y	Q	J+	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.35	—	—	0.087	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.35	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.817	—	—	0.0842	µg/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.706	—	—	0.0884	µg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.788	—	—	0.0874	µg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.963	—	—	0.087	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.884	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	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	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0214	—	—	0.017	mg/L	Y	J	J	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0652	—	—	0.017	mg/L	Y	—	U	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.309	—	—	0.017	mg/L	Y	—	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0448	—	—	0.017	mg/L	Y	J	J+	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.137	—	—	0.017	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	161	—	—	1	µg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	143	—	—	1	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	125	—	—	1	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	143	—	—	1	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	168	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	167	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(a)anthracene	56-55-3	N	0.109	—	—	0.0326	µg/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	Y	0.186	—	—	0.155	µg/L	Y	J	J	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	1.03	—	—	0.309	µg/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(a)anthracene	56-55-3	N	0.0315	—	—	0.0167	µg/L	Y	J	U	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	SVOC	SW-846:8310	Benzo(a)anthracene	56-55-3	N	0.0521	—	—	0.0167	µg/L	Y	U	U	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(a)anthracene	56-55-3	N	0.0568	—	—	0.0182	µg/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1.22	—	—	0.366	µg/L	Y	U	U	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1.19	—	—	0.357	µg/L	Y	U	U	2013-680	CAWA-13-28788	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(b)fluoranthene	205-99-2	N	0.109	—	—	0.0326	µg/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	Y	0.216	—	—	0.155	µg/L	Y	J	J	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	1.03	—	—	0.309	µg/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(b)fluoranthene	205-99-2	N	0.024	—	—	0.0167	µg/L	Y	J	U	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	SVOC	SW-846:8310	Benzo(b)fluoranthene	205-99-2	N	0.0521	—	—	0.0167	µg/L	Y	U	U	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(b)fluoranthene	205-99-2	N	0.0568	—	—	0.0182	µg/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(b)fluoranthene	205-99-2	N	1.22	—	—	0.366	µg/L	Y	U	U	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(b)fluoranthene	205-99-2	N	1.19	—	—	0.357	µg/L	Y	U	U	2013-680	CAWA-13-28788	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(g,h,i)perylene	191-24-2	N	0.109	—	—	0.0326	µg/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	Y	0.32	—	—	0.155	µg/L	Y	J	J	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	1.03	—	—	0.309	µg/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(g,h,i)perylene	191-24-2	N	0.0521	—	—	0.0167	µg/L	Y	U	U	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	SVOC	SW-846:8310	Benzo(g,h,i)perylene	191-24-2	N	0.0521	—	—	0.0167	µg/L	Y	U	U	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(g,h,i)perylene	191-24-2	N	0.0568	—	—	0.0182	µg/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(g,h,i)perylene	191-24-2	N	1.22	—	—	0.366	µg/L	Y	U	U	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(g,h,i)perylene	191-24-2	N	1.19	—	—	0.357	µg/L	Y	U	U	2013-680	CAWA-13-28788	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(k)fluoranthene	207-08-9	N	0.109	—	—	0.0326	µg/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	Y	0.278	—	—	0.155	µg/L	Y	J	J	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	1.03	—	—	0.309	µg/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(k)fluoranthene	207-08-9	N	0.028	—	—	0.00833	µg/L	Y	—	U	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	SVOC	SW-846:8310	Benzo(k)fluoranthene	207-08-9	N	0.026	—	—	0.00833	µg/L	Y	U	U	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(k)fluoranthene	207-08-9	N	0.0284	—	—	0.00909	µg/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1.22	—	—	0.366	µg/L	Y	U	U	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(k)fluoranthene	207-08-9	N	1.19	—	—	0.357	µg/L	Y	U	U	2013-680	CAWA-13-28788	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	876	—	—	15	µg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	936	—	—	15	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	892	—	—	15	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	1050	—	—	15	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	841	—	—	15	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	839	—	—	15	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0905	—	—	0.067	mg/L	Y	J	J	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0912	—	—	0.067	mg/L	Y	J	J	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0773	—	—	0.067	mg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.114	—	—	0.067	mg/L	Y	J	J	2015-734	CAWA-15-91363	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.102	—	—	0.067	mg/L	Y	J	J	2015-734	CAWA-15-91293	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	27.9	—	—	0.05	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.4	—	—	0.05	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.8	—	—	0.05	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	30.2	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	30.2	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.62	1.76	5.97	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.48	1.73	6.49	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.81	1.39	4.28	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.08	1.6	5.1	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.2	1.4	5.6	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.169	1.6	5.3	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.935	1.3	4	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.4	—	—	0.335	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.2	—	—	0.268	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18	—	—	0.268	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	44.2	—	—	0.67	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	44.1	—	—	0.67	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.93	—	—	2	µg/L	Y	J	J	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	2	—	—	2	µg/L	Y	U	U	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.92	—	—	2	µg/L	Y	J	J	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Chrysene	218-01-9	N	0.109	—	—	0.0326	µg/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	Y	0.17	—	—	0.155	µg/L	Y	J	J	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	1.03	—	—	0.309	µg/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	SVOC	SW-846:8310	Chrysene	218-01-9	Y	0.0299	—	—	0.0167	µg/L	Y	J	J	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	SVOC	SW-846:8310	Chrysene	218-01-9	N	0.0521	—	—	0.0167	µg/L	Y	U	U	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Chrysene	218-01-9	N	0.0568	—	—	0.0182	µg/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1.22	—	—	0.366	µg/L	Y	U	U	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1.19	—	—	0.357	µg/L	Y	U	U	2013-680	CAWA-13-28788	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.592	1.63	6.11	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.9	1.77	6.92	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.269	1.37	5.28	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.57	1.5	5.8	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.75	1.6	6.7	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.641	1.4	4.9	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.12	1.5	5.2	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.454	—	—	0.033	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.431	—	—	0.033	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	—	0.033	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.474	—	—	0.033	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.469	—	—	0.033	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	03/28/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.25	1.05	2.89	—	pCi/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.79	0.924	2.97	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.63	1.12	2.84	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.48	1.4	2.5	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	4.22	1.4	2.3	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.92	1.3	2.9	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.43	1.2	2.5	—	pCi/L	Y	—	U	11-3609	CAWA-11-27055	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.99	0.953	2.59	—	pCi/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.26	0.719	1.89	—	pCi/L	Y	—	NQ	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.84	0.331	0.882	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.64	1	2.3	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	7.68	1.3	2.5	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	-1.27	0.77	2.9	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.29	1.1	2.4	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	95.4	—	—	0.453	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.9	—	—	0.453	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.8	—	—	0.453	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.7	—	—	0.453	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	103	—	—	0.453	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	103	—	—	0.453	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	11	—	—	0.168	µg/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.4	—	—	0.0884	µg/L	Y	Q	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.29	—	—	0.0874	µg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.41	—	—	0.087	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.19	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	99.3	—	—	30	µg/L	Y	J	J	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	200	—	—	30	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	971	—	—	30	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	1050	—	—	30	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	39.1	—	—	30	µg/L	Y	J	J	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	46.1	—	—	30	µg/L	Y	J	J	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.23	—	—	0.11	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.45	—	—	0.11	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.7	—	—	0.11	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.42	—	—	0.11	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.75	—	—	0.11	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.76	—	—	0.11	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.336	—	—	0.0842	µg/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.366	—	—	0.0884	µg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.37	—	—	0.0874	µg/L	Y	Q	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.264	—	—	0.087	µg/L	Y	J	J	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.277	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.338	—	—	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	MNX	MNX	Y	0.322	—	—	0.0909	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.85	—	—	0.165	µg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.74	—	—	0.165	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.32	—	—	0.165	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.86	—	—	0.165	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.32	—	—	0.165	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.34	—	—	0.165	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.256	3.03	11	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.3	3.61	12.8	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.26	3	10.7	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.18	3.1	10	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.392	2.8	9.8	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.81	3.1	9.8	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.87	2.9	8.6	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.87	—	—	0.5	µg/L	Y	J	J	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.89	—	—	0.5	µg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.39	—	—	0.5	µg/L	Y	J	J	2015-1722	CAWA-15-99473	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.41	—	—	0.085	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.62	—	—	0.085	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.71	—	—	0.034	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.64	—	—	0.085	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.75	—	—	0.085	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	03/28/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.569	—	—	0.05	µg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.558	—	—	0.05	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.544	—	—	0.05	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.543	—	—	0.05	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.543	—	—	0.05	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.595	—	—	0.05	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00977	0.00977	0.0469	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00402	0.00492	0.034	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00302	0.00906	0.0389	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00223	0.0022	0.037	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00147	0.0015	0.029	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00542	0.0038	0.028	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00278	0.0028	0.028	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0195	0.0142	0.0444	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00803	0.00751	0.0394	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00604	0.0113	0.0886	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0067	0.0059	0.029	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0162	0.0071	0.022	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00814	0.0061	0.052	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0111	0.0056	0.053	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.94	—	—	0.05	mg/L	Y	E	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.9	—	—	0.05	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.89	—	—	0.05	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.89	—	—	0.05	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.96	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.93	—	—	0.05	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.8	19.9	59.6	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.6	36.2	66.6	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.342	20	74.7	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.46	17	67	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	17.4	22	86	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	35.4	18	73	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.2	23	80	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	71.7	—	—	4.21	µg/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	65.8	—	—	2.21	µg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	53.7	—	—	0.874	µg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	51.6	—	—	2.17	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	56.5	—	—	2.07	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.3	—	—	0.053	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.2	—	—	0.053	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.9	—	—	0.053	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.8	—	—	0.053	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.7	—	—	0.053	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	33.3	—	—	0.1	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	30.7	—	—	0.1	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.1	—	—	0.1	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	30.1	—	—	0.1	mg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	43.4	—	—	0.1	mg/L	Y	E	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	44	—	—	0.1	mg/L	Y	E	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.26	1.97	8.2	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.354	1.73	6.44	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.03	1.19	3.63	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.49	1.8	6.1	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.819	1.4	5.2	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.26	1.5	5.4	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1	1.6	5.5	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	388	—	—	3.63	µS/cm	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224	—	—	1	µS/cm	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	3.63	µS/cm	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	386	—	—	3.63	µS/cm	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	390	—	—	3.63	µS/cm	Y	—	NQ	2015-734	CAWA-15-91293	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	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	128	—	—	1	µg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.7	—	—	1	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	118	—	—	1	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	151	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	152	—	—	1	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.212	0.129	0.485	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.18	0.0897	0.389	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.136	0.144	0.489	—	pCi/L	Y	U	U	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.14	0.14	0.49	—	pCi/L	Y	U	U	12-614	CAWA-12-2079	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0685	0.14	0.49	—	pCi/L	Y	U	U	12-614	CAWA-12-1930	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.287	0.12	0.49	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.129	0.13	0.48	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.2	—	—	0.133	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.2	—	—	0.133	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.1	—	—	0.133	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19	—	—	1.33	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	20	—	—	0.133	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.158	—	—	0.0842	µg/L	Y	J	J	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.172	—	—	0.0884	µg/L	Y	J	J	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	N	0.273	—	—	0.0874	µg/L	Y	UQ	U	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.171	—	—	0.087	µg/L	Y	J	J	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.18	—	—	0.0829	µg/L	Y	J	J	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.214	—	—	0.093	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	TNX	TNX	Y	0.192	—	—	0.0909	µg/L	Y	J	J	2013-680	CAWA-13-28788	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	234	—	—	3.4	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	223	—	—	3.4	mg/L	Y	—	NQ	2015-734	CAWA-15-91293	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	—	03/28/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0743	—	—	0.033	mg/L	Y	J	J	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.61	—	—	0.033	mg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.867	—	—	0.033	mg/L	Y	—	NQ	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.407	—	—	0.033	mg/L	Y	—	J	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.452	—	—	0.033	mg/L	Y	—	J	2015-734	CAWA-15-91290	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	03/28/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.76	—	—	0.33	mg/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.96	—	—	0.33	mg/L	Y	—	NQ	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.97	—	—	0.66	mg/L	Y	—	NQ	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:415.1	Total Organic Carbon	TOC	Y	3.69	—	—	0.66	mg/L	Y	—	J-	2015-1721	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.8	—	—	0.33	mg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.88	—	—	0.33	mg/L	Y	—	NQ	2015-734	CAWA-15-91290	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0789	—	—	0.017	mg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.133	—	—	0.017	mg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.067	—	—	0.017	mg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.121	—	—	0.017	mg/L	Y	—	J	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0974	—	—	0.017	mg/L	Y	—	U	2015-734	CAWA-15-91293	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	—	03/28/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.36	—	—	0.3	µg/L	Y	J	J	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	1	—	—	0.3	µg/L	Y	U	U	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	1	—	—	0.3	µg/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.31	—	—	0.3	µg/L	Y	J	J-	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.34	—	—	0.3	µg/L	Y	J	J-	2015-734	CAWA-15-91290	GELC
Martin Spring	—	08/13/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	1	—	—	0.3	µg/L	Y	U	U	2014-4350	CAWA-14-84598	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.428	—	—	0.0842	µg/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	12/01/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.249	—	—	0.0884	µg/L	Y	J	J	2016-439	CAWA-16-106933	GELC
Martin Spring	—	07/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.104	—	—	0.0874	µg/L	Y	JQ	J	2015-1862	CAWA-15-100841	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.293	—	—	0.087	µg/L	Y	—	NQ	2015-734	CAWA-15-91336	GELC
Martin Spring	—	01/27/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.34	—	—	0.0829	µg/L	Y	—	NQ	2015-734	CAWA-15-91290	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	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.81	—	—	0.067	µg/L	Y	—	NQ	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.11	—	—	0.067	µg/L	Y	—	NQ	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.754	—	—	0.067	µg/L	Y	—	NQ	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.03	—	—	0.067	µg/L	Y	*	NQ	2015-1722	CAWA-15-99473	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.53	—	—	0.067	µg/L	Y	—	NQ	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.54	—	—	0.067	µg/L	Y	—	NQ	2015-734	CAWA-15-91293	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.06	0.0535	0.106	—	pCi/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.656	0.0351	0.0551	—	pCi/L	Y	—	J	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.26	0.0585	0.0441	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.14	0.17	0.053	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.05	0.15	0.042	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.846	0.084	0.068	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.708	0.077	0.075	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0365	0.012	0.0727	—	pCi/L	Y	U	U	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0429	0.0104	0.0447	—	pCi/L	Y	U	U	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0427	0.0136	0.0421	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0518	0.017	0.047	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.086	0.019	0.037	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0278	0.012	0.049	—	pCi/L	Y	U	U	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.041	0.015	0.054	—	pCi/L	Y	U	U	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.612	0.0409	0.0691	—	pCi/L	Y	—	NQ	2016-961	CAWA-16-110746	GELC
Martin Spring	—	07/16/15	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.526	0.0314	0.053	—	pCi/L	Y	—	NQ	2015-1722	CAWA-15-99464	GELC
Martin Spring	—	03/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.79	0.0461	0.0412	—	pCi/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.42	0.12	0.045	—	pCi/L	Y	—	NQ	12-614	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.42	0.11	0.036	—	pCi/L	Y	—	NQ	12-614	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.48	0.055	0.059	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27191	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.477	0.058	0.065	—	pCi/L	Y	—	NQ	11-3609	CAWA-11-27055	GELC
Martin Spring	—	03/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.04	—	—	1	µg/L	Y	J	J	2016-961	CAWA-16-110777	GELC
Martin Spring	—	12/01/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4	—	—	1	µg/L	Y	J	J	2016-439	CAWA-16-106952	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.67	—	—	1	µg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	07/16/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.15	—	—	1	µg/L	Y	—	NQ	2015-1722	CAWA-15-99473	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.6	—	—	1	µg/L	Y	J	J	2015-734	CAWA-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.47	—	—	1	µg/L	Y	J	J	2015-734	CAWA-15-91293	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.76	—	—	0.01	SU	Y	H	J-	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.95	—	—	0.01	SU	Y	H	J-	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.94	—	—	0.01	SU	Y	H	J-	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.94	—	—	0.01	SU	Y	H	J-	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	160	—	—	0.725	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	166	—	—	0.73	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	114	—	—	0.73	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.1	—	—	0.73	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.73	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	616	—	—	68	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	392	—	—	68	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	251	—	—	68	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	948	—	—	68	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	994	—	—	68	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.153	—	—	0.017	mg/L	Y	—	J	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0626	—	—	0.016	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.046	—	—	0.016	mg/L	Y	J	U	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.06	—	—	0.016	mg/L	Y	—	U	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.25	—	—	0.15	mg/L	Y	U	U	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	175	—	—	1	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	148	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	283	—	—	1	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	185	—	—	1	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	185	—	—	1	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	991	—	—	15	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	1310	—	—	15	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	1550	—	—	15	µg/L	Y	N	J+	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	929	—	—	15	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	676	—	—	10	µg/L	Y	E	J	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.106	—	—	0.067	mg/L	Y	J	J	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.149	—	—	0.066	mg/L	Y	J	J	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.109	—	—	0.066	mg/L	Y	J	J	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.136	—	—	0.066	mg/L	Y	J	J	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.101	—	—	0.067	mg/L	Y	J	J	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	Y	3.08	—	—	2	µg/L	Y	J	J-	2016-914	CAWA-16-110747	GELC
MSC-16-06293	2	09/22/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	1.3	µg/L	Y	U	UJ	11-3705	CAWA-11-27088	GELC
MSC-16-06293	2	04/07/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	1.3	µg/L	Y	U	UJ	10-2692	CAWA-10-15108	GELC
MSC-16-06293	2	04/09/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	1.3	µg/L	Y	U	UJ	09-1431	CAWA-09-5591	GELC
MSC-16-06293	2	04/02/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	—	1.3	µg/L	Y	U	UJ	08-913	CAWA-08-11624	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	34	—	—	0.05	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	25.4	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	57.8	—	—	0.05	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	42.5	—	—	0.05	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	27.9	—	—	0.03	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.5	—	—	0.335	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	61.2	—	—	0.66	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	34.9	—	—	0.66	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.7	—	—	0.13	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.3	—	—	0.066	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.507	—	—	0.033	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.407	—	—	0.033	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.352	—	—	0.033	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.388	—	—	0.033	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.383	—	—	0.033	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.1	1.35	2.81	—	pCi/L	Y	—	NQ	2016-914	CAWA-16-110747	GELC
MSC-16-06293	2	04/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.64	1.5	2.6	—	pCi/L	Y	—	NQ	10-2693	CAWA-10-15108	GELC
MSC-16-06293	2	03/16/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.4	1.26	2.94	—	pCi/L	Y	—	NQ	2016-914	CAWA-16-110747	GELC
MSC-16-06293	2	04/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-1.08	0.67	2.8	—	pCi/L	Y	U	U	10-2693	CAWA-10-15108	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	111	—	—	0.453	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	181	—	—	0.45	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	131	—	—	0.35	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.9	—	—	0.35	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77.6	—	—	0.43	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.28	—	—	0.092	µg/L	Y	—	NQ	2016-914	CAWA-16-110747	GELC
MSC-16-06293	2	12/11/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.88	—	—	0.0904	µg/L	Y	—	NQ	2016-512	CAWA-16-106934	GELC
MSC-16-06293	2	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	6.48	—	—	0.1	µg/L	Y	—	NQ	11-3705	CAWA-11-27088	GELC
MSC-16-06293	2	04/07/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.03	—	—	0.1	µg/L	Y	—	J	10-2692	CAWA-10-15108	GELC
MSC-16-06293	2	04/09/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.8	—	—	0.11	µg/L	Y	—	NQ	09-1431	CAWA-09-5591	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	354	—	—	30	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	532	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	113	—	—	30	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	508	—	—	30	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	544	—	—	25	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.23	—	—	0.11	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.63	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.97	—	—	0.11	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.02	—	—	0.085	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.93	—	—	0.085	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	19.3	—	—	2	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	35.2	—	—	2	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	33.1	—	—	2	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	19.2	—	—	2	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	63.2	—	—	2	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.13	—	—	0.165	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.92	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.15	—	—	0.17	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.1	µg/L	Y	—	J	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.68	—	—	0.1	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.8	—	—	0.5	µg/L	Y	J	J	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.24	—	—	0.5	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.31	—	—	0.5	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.43	—	—	0.5	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.9	—	—	0.5	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0202	—	—	0.017	mg/L	Y	J	J	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.01	mg/L	Y	U	UJ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.2	—	—	0.05	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.34	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	7.2	—	—	0.05	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.86	—	—	0.05	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.7	—	—	0.05	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	36.1	—	—	0.053	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	51.4	—	—	0.053	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	41.5	—	—	0.053	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	44.7	—	—	0.032	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	41.4	—	—	0.032	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	50.1	—	—	0.1	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	42.9	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	45.5	—	—	0.1	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	37.4	—	—	0.1	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	24.4	—	—	0.045	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	451	—	—	3.63	µS/cm	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	593	—	—	1	µS/cm	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	385	—	—	1	µS/cm	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	289	—	—	1	µS/cm	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	1	µS/cm	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	165	—	—	1	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	117	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	301	—	—	1	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	264	—	—	1	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	153	—	—	1	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15.1	—	—	0.133	mg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	23.3	—	—	0.1	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.42	—	—	0.1	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	16.3	—	—	2.5	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.17	—	—	2.5	µg/L	Y	J	J	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	200	—	—	50	µg/L	Y	U	U	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	50	—	—	13	µg/L	Y	U	U	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	287	—	—	3.4	mg/L	Y	—	J	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	386	—	—	3.4	mg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	258	—	—	2.4	mg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	2.4	mg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	2.4	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0313	—	—	0.017	mg/L	Y	J	J	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.106	—	—	0.015	mg/L	Y	—	U	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.071	—	—	0.015	mg/L	Y	—	U	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.033	—	—	0.015	mg/L	Y	J	U	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	04/02/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.088	—	—	0.024	mg/L	Y	—	NQ	08-913	CAWA-08-11625	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	3.12	—	—	0.067	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.728	—	—	0.067	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	3.75	—	—	0.067	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.85	—	—	0.05	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.57	—	—	0.05	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.68	—	—	1	µg/L	Y	J	J	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.28	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.64	—	—	1	µg/L	Y	J	J	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.55	—	—	1	µg/L	Y	J	J	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.7	—	—	1	µg/L	Y	J	J	09-1431	CAWA-09-5592	GELC
MSC-16-06293	2	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	173	—	—	3.3	µg/L	Y	—	NQ	2016-914	CAWA-16-110778	GELC
MSC-16-06293	2	12/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	157	—	—	3.3	µg/L	Y	—	NQ	2016-512	CAWA-16-106953	GELC
MSC-16-06293	2	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	220	—	—	3.3	µg/L	Y	—	NQ	11-3705	CAWA-11-27086	GELC
MSC-16-06293	2	04/07/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	250	—	—	3.3	µg/L	Y	—	NQ	10-2693	CAWA-10-15107	GELC
MSC-16-06293	2	04/09/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	312	—	—	2	µg/L	Y	—	NQ	09-1431	CAWA-09-5592	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.04	—	—	0.01	SU	Y	H	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.64	—	—	0.01	SU	Y	H	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	5.96	—	—	0.01	SU	Y	H	J-	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.73	—	—	0.01	SU	Y	H	J-	10-128	CAWA-09-13834	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.77	—	—	0.01	SU	Y	H	J-	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	0.725	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.8	—	—	0.725	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.5	—	—	0.73	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	26.4	—	—	0.73	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	0.73	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	3070	—	—	68	µg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	1460	—	—	68	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	913	—	—	68	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	829	—	—	68	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	700	—	—	68	µg/L	Y	N	J+	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0164	0.0153	0.0735	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00325	0.0056	0.054	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0017	0.0095	0.077	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00527	0.0104	0.0238	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.217	—	—	0.017	mg/L	Y	—	J	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.179	—	—	0.017	mg/L	Y	—	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0763	—	—	0.016	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.031	—	—	0.016	mg/L	Y	J	J-	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.86	—	—	1.7	µg/L	Y	J	J	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	3.89	—	—	1.5	µg/L	Y	J	U	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	152	—	—	1	µg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	192	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	272	—	—	1	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	217	—	—	1	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	172	—	—	1	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	294	—	—	15	µg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	273	—	—	15	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	349	—	—	15	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	247	—	—	15	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	341	—	—	15	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0929	—	—	0.067	mg/L	Y	J	J	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	—	0.067	mg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	—	0.066	mg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.7	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	25	—	—	0.05	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.772	1.59	4.91	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-4.13	2	6.8	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.17	1.3	4.4	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0663	1.26	4.08	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.4	—	—	0.134	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.1	—	—	0.134	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.1	—	—	0.066	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.27	—	—	0.066	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.5	—	—	0.066	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.04	—	—	2	µg/L	Y	J	J	2016-914	CAWA-16-110779	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.8	—	—	2	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.49	—	—	2	µg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.206	1.26	4.84	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.341	1.3	4.4	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.135	1.2	4.1	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.27	1.36	5.01	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.4	—	—	3	µg/L	Y	J	J	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.57	—	—	3	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	4.33	—	—	3	µg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	5.12	—	—	3	µg/L	Y	J	J	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.107	—	—	0.033	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.146	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.204	—	—	0.033	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.354	—	—	0.033	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.289	—	—	0.033	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.59	0.854	2.64	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.34	0.76	2.3	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	8.44	2.4	4.3	—	pCi/L	Y	—	NQ	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	10/25/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.43	1.12	2.36	—	pCi/L	Y	—	J	196534	GU07100MSC9401	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.633	0.452	1.54	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.1	1.41	2.78	—	pCi/L	Y	—	NQ	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.69	1.1	2.6	—	pCi/L	Y	—	NQ	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	12.2	2.4	5.5	—	pCi/L	Y	—	NQ	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.05	1.09	2.77	—	pCi/L	Y	—	J	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.9	—	—	0.453	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.9	—	—	0.453	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.2	—	—	0.45	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.2	—	—	0.45	mg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.6	—	—	0.35	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	1660	—	—	30	µg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	740	—	—	30	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1520	—	—	30	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1250	—	—	30	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	473	—	—	30	µg/L	Y	N	J+	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	1.13	—	—	0.5	µg/L	Y	J	J	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	1.1	—	—	0.5	µg/L	Y	J	J	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	2.11	—	—	0.5	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.12	—	—	0.11	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.82	—	—	0.11	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.81	—	—	0.11	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.14	—	—	0.11	mg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.72	—	—	0.085	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	39.4	—	—	2	µg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	118	—	—	2	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	269	—	—	2	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	11.2	—	—	2	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	33.4	—	—	2	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.957	—	—	0.165	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.2	—	—	0.17	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.648	—	—	0.17	µg/L	Y	—	U	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.1	µg/L	Y	—	J	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.11	2.59	9.78	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.59	2.1	7.3	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.55	9.6	32	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.21	9.87	31.5	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.54	—	—	0.5	µg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.44	—	—	0.5	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.61	—	—	0.5	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.17	—	—	0.5	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.2	—	—	0.5	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0292	—	—	0.017	mg/L	Y	J	J	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0394	—	—	0.017	mg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.249	—	—	0.05	mg/L	Y	J	J	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0149	0.0131	0.0784	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0137	0.0099	0.028	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00471	0.0082	0.077	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00158	0.00474	0.0173	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0495	0.0262	0.072	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00548	0.0067	0.052	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00471	0.014	0.077	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00316	0.00316	0.0115	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.46	—	—	0.05	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.91	—	—	0.05	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	6.57	—	—	0.05	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.83	—	—	0.05	mg/L	Y	—	J	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.17	—	—	0.05	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.5	17.1	63.6	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	54.3	17	66	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.3	21	34	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21	12.4	35	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.1	—	—	0.053	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.3	—	—	0.053	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	48.8	—	—	0.053	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	39.2	—	—	0.032	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	20.4	—	—	0.1	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	19.6	—	—	0.1	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.3	—	—	0.1	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.4	—	—	0.1	mg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.774	1.49	5.41	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0185	1.4	4.5	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.695	1.1	3.5	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.472	1.25	4.21	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	3.63	µS/cm	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	3.63	µS/cm	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	251	—	—	1	µS/cm	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	101	—	—	1	µS/cm	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.4	—	—	1	µg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	114	—	—	1	µg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	161	—	—	1	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	124	—	—	1	µg/L	Y	—	NQ	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	88.4	—	—	1	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.15	0.144	0.491	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.222	0.15	0.49	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0264	0.11	0.37	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.178	0.104	0.373	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.09	—	—	0.133	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.31	—	—	0.133	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.64	—	—	0.1	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.49	—	—	0.1	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.11	—	—	0.1	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.05	—	—	2.5	µg/L	Y	J	J	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	50	—	—	13	µg/L	Y	U	U	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	219	—	—	3.4	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	210	—	—	4.8	mg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	224	—	—	2.4	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	2.4	mg/L	Y	—	J	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.621	—	—	0.033	mg/L	Y	—	J	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	12/10/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.465	—	—	0.033	mg/L	Y	—	NQ	2016-512	CAWA-16-106935	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	UJ	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	1.08	—	—	0.033	mg/L	Y	—	J	10-127	CAWA-09-13835	GELC
MSC-16-06294	2.5	04/03/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.458	—	—	0.029	mg/L	Y	—	J+	08-930	CAWA-08-11591	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	13.2	—	—	0.33	mg/L	Y	—	NQ	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	12/10/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	13	—	—	0.66	mg/L	Y	—	NQ	2016-512	CAWA-16-106935	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	19.8	—	—	0.66	mg/L	Y	—	NQ	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	20.1	—	—	1.7	mg/L	Y	—	NQ	10-127	CAWA-09-13835	GELC
MSC-16-06294	2.5	04/03/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	13.4	—	—	0.33	mg/L	Y	—	NQ	08-930	CAWA-08-11591	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0982	—	—	0.017	mg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0939	—	—	0.017	mg/L	Y	—	NQ	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.131	—	—	0.015	mg/L	Y	—	U	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	10/14/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.133	—	—	0.015	mg/L	Y	—	NQ	10-128	CAWA-09-13834	GELC
MSC-16-06294	2.5	04/03/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.117	—	—	0.024	mg/L	Y	—	NQ	08-930	CAWA-08-11590	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.185	—	—	0.067	µg/L	Y	J	J	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.145	—	—	0.067	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.387	—	—	0.067	µg/L	Y	—	NQ	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.157	—	—	0.067	µg/L	Y	J	J	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.329	—	—	0.05	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.158	0.038	0.269	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.145	0.029	0.067	—	pCi/L	Y	—	NQ	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.442	0.061	0.2	—	pCi/L	Y	—	NQ	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.171	0.0228	0.0414	—	pCi/L	Y	—	NQ	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00948	0.015	0.172	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0136	0.0079	0.048	—	pCi/L	Y	U	U	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0137	0.014	0.1	—	pCi/L	Y	U	U	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0265	0.00814	0.0422	—	pCi/L	Y	U	U	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0844	0.0271	0.172	—	pCi/L	Y	U	U	2016-914	CAWA-16-110748	GELC
MSC-16-06294	2.5	09/20/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0989	0.021	0.057	—	pCi/L	Y	—	NQ	11-3663	CAWA-11-27089	GELC
MSC-16-06294	2.5	10/14/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.503	0.064	0.12	—	pCi/L	Y	—	NQ	10-128	CAWA-09-13835	GELC
MSC-16-06294	2.5	01/24/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.121	0.0176	0.0293	—	pCi/L	Y	—	NQ	179773	GU07010MSC9401	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.56	—	—	1	µg/L	Y	—	NQ	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.86	—	—	1	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.2	—	—	1	µg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.43	—	—	1	µg/L	Y	J	J	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.21	—	—	1	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
MSC-16-06294	2.5	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.56	—	—	3.3	µg/L	Y	J	J	2016-914	CAWA-16-110779	GELC
MSC-16-06294	2.5	12/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.73	—	—	3.3	µg/L	Y	J	J	2016-512	CAWA-16-106954	GELC
MSC-16-06294	2.5	09/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.72	—	—	3.3	µg/L	Y	J	J	11-3663	CAWA-11-27090	GELC
MSC-16-06294	2.5	03/30/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.04	—	—	3.3	µg/L	Y	J	J	11-1853	CAWA-11-5463	GELC
MSC-16-06294	2.5	04/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	20.4	—	—	3.3	µg/L	Y	—	NQ	10-2709	CAWA-10-15058	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	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	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.7	—	—	0.725	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	0.725	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.8	—	—	0.725	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.3	—	—	0.725	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.3	—	—	0.725	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.6	—	—	0.725	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00189	0.00682	0.0339	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00991	0.00701	0.0496	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0037	0.036	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00891	0.0083	0.037	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00492	0.0028	0.032	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.4	—	—	1	µg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21	—	—	1	µg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.6	—	—	1	µg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	9.12	—	—	1	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.93	—	—	0.05	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.64	2.18	4.32	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.33	1.38	5.41	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.847	1.3	5	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.2	1.7	5.8	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.09	1.1	3.8	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.35	—	—	0.067	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.37	—	—	0.067	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.34	—	—	0.067	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.31	—	—	0.067	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.35	—	—	0.067	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.34	—	—	0.067	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.449	1.26	4.75	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.49	1.4	5.98	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.08	1.3	4.2	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.443	1.7	5.8	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.035	1.2	3.9	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0412	—	—	0.033	mg/L	Y	J	J	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0853	—	—	0.033	mg/L	Y	J	J	2016-496	CAPA-16-106967	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0839	—	—	0.033	mg/L	Y	J	J	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0756	—	—	0.033	mg/L	Y	J	J	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0591	—	—	0.033	mg/L	Y	J	J	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0514	—	—	0.033	mg/L	Y	J	J	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.689	0.666	2.43	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.157	0.658	2.94	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.309	0.54	2	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.776	0.3	0.91	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.16	0.98	2.8	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.64	1.11	2.89	—	pCi/L	Y	—	NQ	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.377	0.338	1.17	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.12	0.81	2.4	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.43	0.85	2.4	—	pCi/L	Y	—	J-	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.19	1.2	2.7	—	pCi/L	Y	—	NQ	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.2	—	—	0.453	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.5	—	—	0.453	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.5	—	—	0.453	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.5	—	—	0.453	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.5	—	—	0.453	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.37	—	—	0.11	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.58	—	—	0.11	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.46	—	—	0.11	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.54	—	—	0.11	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.34	—	—	0.11	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	0.11	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.462	—	—	0.165	µg/L	Y	J	J	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.461	—	—	0.165	µg/L	Y	J	J	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.466	—	—	0.165	µg/L	Y	J	J	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.469	—	—	0.165	µg/L	Y	J	J	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.459	—	—	0.165	µg/L	Y	J	J	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.844	—	—	0.165	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.15	2.75	9.16	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.97	3.02	10.4	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.22	2.8	9.9	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.822	3.3	11	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.15	2.5	8.4	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.583	—	—	0.017	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.599	—	—	0.017	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.591	—	—	0.017	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.575	—	—	0.017	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.62	—	—	0.017	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.592	—	—	0.017	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.235	—	—	0.05	µg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.262	—	—	0.05	µg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.251	—	—	0.05	µg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.231	—	—	0.05	µg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.237	—	—	0.05	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00449	0.00841	0.0355	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00549	0.0354	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000702	0.011	0.052	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00687	0.0095	0.023	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00218	0.0022	0.025	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00449	0.011	0.0327	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.011	0.011	0.0806	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000351	0.0078	0.041	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00458	0.0065	0.044	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0053	0.043	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.9	17.1	62.6	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.1	16.8	62.3	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.8	14	52	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-33.7	25	84	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.66	17	61	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.62	—	—	0.0879	µg/L	Y	—	NQ	2016-890	CAPA-16-110847	GELC
R-18	1358	12/09/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.86	—	—	0.0829	µg/L	Y	—	J-	2016-496	CAPA-16-106966	GELC
R-18	1358	07/29/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.1	—	—	0.0851	µg/L	Y	—	NQ	2015-1916	CAPA-15-100898	GELC
R-18	1358	07/29/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.08	—	—	0.0856	µg/L	Y	—	NQ	2015-1916	CAPA-15-100893	GELC
R-18	1358	05/19/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.53	—	—	0.086	µg/L	Y	—	NQ	2015-1226	CAPA-15-95858	GELC
R-18	1358	01/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.19	—	—	0.0847	µg/L	Y	—	NQ	2015-703	CAPA-15-91482	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.5	—	—	0.053	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64	—	—	0.053	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.5	—	—	0.053	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.9	—	—	0.053	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.4	—	—	0.053	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.2	—	—	0.053	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.29	—	—	0.1	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.23	—	—	0.1	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.85	—	—	0.1	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.68	—	—	0.1	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.62	—	—	0.1	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.69	—	—	0.1	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.687	1.11	4.14	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0673	1.29	5.03	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.29	1.5	5	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.715	1.8	5.6	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.189	1.1	3.7	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	3.63	µS/cm	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	3.63	µS/cm	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	3.63	µS/cm	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	3.63	µS/cm	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	107	—	—	3.63	µS/cm	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	3.63	µS/cm	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.6	—	—	1	µg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.6	—	—	1	µg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.3	—	—	1	µg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.9	—	—	1	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.208	0.133	0.444	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.3	0.123	0.492	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0777	0.14	0.49	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.19	0.13	0.49	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0962	0.14	0.49	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.99	—	—	0.133	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.99	—	—	0.133	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.133	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.133	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.96	—	—	0.133	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.06	—	—	0.133	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	H	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	270	—	—	3.4	mg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.453	—	—	0.33	mg/L	Y	J	J	2016-890	CAPA-16-110847	GELC
R-18	1358	12/09/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-496	CAPA-16-106966	GELC
R-18	1358	07/29/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.341	—	—	0.33	mg/L	Y	J	J	2015-1916	CAPA-15-100898	GELC
R-18	1358	07/29/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2015-1916	CAPA-15-100893	GELC
R-18	1358	05/19/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.351	—	—	0.33	mg/L	Y	J	J-	2015-1226	CAPA-15-95858	GELC
R-18	1358	01/23/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.414	—	—	0.33	mg/L	Y	J	J	2015-703	CAPA-15-91482	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.123	0.546	1.868	—	pCi/L	Y	U	U	2016-890ARS	CAPA-16-110847	ARSL
R-18	1358	01/23/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.007	0.699	2.251	—	pCi/L	Y	U	U	2015-710	CAPA-15-91482	ARSL
R-18	1358	03/13/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.65	1.034	3.392	—	pCi/L	Y	U	U	2013-647	CAPA-13-28875	ARSL
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.576	0.8372	2.3506	—	pCi/L	Y	—	NQ	11-3582	CAWA-11-27164	ARSL
R-18	1358	10/21/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.966	0.7728	2.4794	—	pCi/L	Y	U	U	11-304	CAPA-10-27415	ARSL
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.6744	0.7728	2.3506	—	pCi/L	N	U	R	11-304	CAPA-10-27415	ARSL
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.395	—	—	0.067	µg/L	Y	—	NQ	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.397	—	—	0.067	µg/L	Y	—	NQ	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.433	—	—	0.067	µg/L	Y	—	NQ	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.378	—	—	0.067	µg/L	Y	—	NQ	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.365	—	—	0.067	µg/L	Y	—	NQ	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.403	—	—	0.067	µg/L	Y	—	NQ	2015-703	CAPA-15-91484	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.285	0.0343	0.137	—	pCi/L	Y	—	NQ	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.22	0.0284	0.0445	—	pCi/L	Y	—	NQ	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.22	0.036	0.063	—	pCi/L	Y	—	NQ	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.207	0.026	0.038	—	pCi/L	Y	—	NQ	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.251	0.032	0.045	—	pCi/L	Y	—	NQ	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0242	0.0124	0.0882	—	pCi/L	Y	U	U	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0232	0.011	0.0425	—	pCi/L	Y	U	U	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.013	0.056	—	pCi/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0052	0.027	—	pCi/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0166	0.0075	0.035	—	pCi/L	Y	U	U	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.024	0.088	—	pCi/L	Y	—	NQ	2016-890	CAPA-16-110847	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.158	0.0217	0.0416	—	pCi/L	Y	—	J	2014-2936	CAPA-14-54777	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.171	0.031	0.054	—	pCi/L	Y	—	NQ	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.149	0.021	0.033	—	pCi/L	Y	—	NQ	11-3464	CAWA-11-27164	GELC
R-18	1358	10/21/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.142	0.022	0.027	—	pCi/L	Y	—	NQ	11-236	CAPA-10-27415	GELC
R-18	1358	03/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.32	—	—	1	µg/L	Y	J	J	2016-890	CAPA-16-110849	GELC
R-18	1358	12/09/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.02	—	—	1	µg/L	Y	J	J	2016-496	CAPA-16-106967	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.58	—	—	1	µg/L	Y	J	J	2015-1916	CAPA-15-100900	GELC
R-18	1358	07/29/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.71	—	—	1	µg/L	Y	J	J	2015-1916	CAPA-15-100894	GELC
R-18	1358	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.34	—	—	1	µg/L	Y	J	J	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.91	—	—	1	µg/L	Y	J	J	2015-703	CAPA-15-91484	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	2015-704	CAWA-15-91365	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	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	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.1	—	—	0.725	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.725	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.9	—	—	0.725	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	1010	—	—	68	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.172	—	—	0.017	mg/L	Y	—	J	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.106	—	—	0.017	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0388	—	—	0.017	mg/L	Y	J	U	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.3	—	—	1.7	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.3	—	—	1	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8.41	—	—	1	µg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.9	—	—	1	µg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.9	—	—	15	µg/L	Y	J	J	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	Y	2.18	—	—	0.3	µg/L	Y	—	J-	2016-914	CAWA-16-110749	GELC
R-25b	750	07/28/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	1	—	—	0.3	µg/L	Y	U	U	2015-1905	CAWA-15-100842	GELC
R-25b	750	01/23/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-704	CAWA-15-91338	GELC
R-25b	750	08/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	1	—	—	0.3	µg/L	Y	U	U	2014-4391	CAWA-14-84599	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	1	—	—	0.3	µg/L	Y	UH	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	03/16/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	Y	1.79	—	—	0.3	µg/L	Y	—	J-	2016-914	CAWA-16-110749	GELC
R-25b	750	07/28/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	1	—	—	0.3	µg/L	Y	U	U	2015-1905	CAWA-15-100842	GELC
R-25b	750	01/23/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-704	CAWA-15-91338	GELC
R-25b	750	08/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	1	—	—	0.3	µg/L	Y	U	U	2014-4391	CAWA-14-84599	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	1	—	—	0.3	µg/L	Y	UH	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.89	—	—	0.05	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.6	—	—	0.067	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.83	—	—	0.067	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	Y	3.04	—	—	0.3	µg/L	Y	—	J-	2016-914	CAWA-16-110749	GELC
R-25b	750	07/28/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	1	—	—	0.3	µg/L	Y	U	U	2015-1905	CAWA-15-100842	GELC
R-25b	750	01/23/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-704	CAWA-15-91338	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	08/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	1	—	—	0.3	µg/L	Y	U	U	2014-4391	CAWA-14-84599	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	1	—	—	0.3	µg/L	Y	UH	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	03/16/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	4.09	—	—	0.3	µg/L	Y	—	J-	2016-914	CAWA-16-110749	GELC
R-25b	750	07/28/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.3	µg/L	Y	U	U	2015-1905	CAWA-15-100842	GELC
R-25b	750	01/23/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-704	CAWA-15-91338	GELC
R-25b	750	08/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.3	µg/L	Y	U	U	2014-4391	CAWA-14-84599	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.3	µg/L	Y	UH	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.16	—	—	2	µg/L	Y	J	J	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	15.9	—	—	3	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0829	—	—	0.033	mg/L	Y	J	J	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0548	—	—	0.033	mg/L	Y	J	J	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.5	—	—	0.453	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.3	—	—	0.453	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.8	—	—	0.453	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	600	—	—	30	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	47.1	—	—	30	µg/L	Y	J	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	1.79	—	—	0.5	µg/L	Y	J	J	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	2.25	—	—	0.5	µg/L	Y	*	NQ	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.54	—	—	0.11	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.03	—	—	0.11	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.42	—	—	0.11	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	25.7	—	—	2	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	5.18	—	—	0.165	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.81	—	—	0.165	µg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.62	—	—	0.165	µg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.32	—	—	0.5	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-704	CAWA-15-91365	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.627	—	—	0.5	µg/L	Y	J	J	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.332	—	—	0.017	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.678	—	—	0.017	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.597	—	—	0.017	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.05	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.3	—	—	0.05	µg/L	Y	—	J+	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.28	—	—	0.05	µg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.78	—	—	0.05	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.144	—	—	0.0851	µg/L	Y	J	J	2016-914	CAWA-16-110749	GELC
R-25b	750	07/28/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.96	—	—	0.0816	µg/L	Y	—	NQ	2015-1905	CAWA-15-100842	GELC
R-25b	750	01/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.12	—	—	0.0851	µg/L	Y	—	NQ	2015-704	CAWA-15-91338	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.8	—	—	0.053	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.8	—	—	0.053	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.3	—	—	0.053	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	246	—	—	0.1	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.27	—	—	0.1	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.71	—	—	0.1	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1140	—	—	3.63	µS/cm	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	3.63	µS/cm	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	3.63	µS/cm	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.6	—	—	1	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.5	—	—	1	µg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.6	—	—	0.133	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.3	—	—	0.133	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	10.4	—	—	2.5	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	1880	—	—	3.4	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	—	3.4	mg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	90	—	—	3.4	mg/L	Y	—	NQ	2015-704	CAWA-15-91365	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	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	03/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.408	—	—	0.033	mg/L	Y	—	J	2016-914	CAWA-16-110749	GELC
R-25b	750	07/28/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-1905	CAWA-15-100842	GELC
R-25b	750	01/23/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0894	—	—	0.033	mg/L	Y	J	J	2015-704	CAWA-15-91338	GELC
R-25b	750	08/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-4391	CAWA-14-84599	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-2971	CAWA-14-54747	GELC
R-25b	750	03/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	693	—	—	33	mg/L	Y	—	NQ	2016-914	CAWA-16-110749	GELC
R-25b	750	07/28/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.3	—	—	0.33	mg/L	Y	—	NQ	2015-1905	CAWA-15-100842	GELC
R-25b	750	01/23/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.505	—	—	0.33	mg/L	Y	J	J	2015-704	CAWA-15-91338	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
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	03/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.307	—	—	0.017	mg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0439	—	—	0.017	mg/L	Y	J	J	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0386	—	—	0.017	mg/L	Y	J	J	2015-704	CAWA-15-91365	GELC
R-25b	750	08/18/14	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	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0618	—	—	0.017	mg/L	Y	—	U	2014-2971	CAWA-14-54768	GELC
R-25b	750	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.55	—	—	0.067	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.382	—	—	0.067	µg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.461	—	—	0.067	µg/L	Y	—	NQ	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.41	—	—	1	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.04	—	—	1	µg/L	Y	J	J	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.7	—	—	1	µg/L	Y	J	J	2015-704	CAWA-15-91365	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	03/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	57.9	—	—	3.3	µg/L	Y	—	NQ	2016-914	CAWA-16-110780	GELC
R-25b	750	07/28/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	13.1	—	—	3.3	µg/L	Y	—	NQ	2015-1905	CAWA-15-100864	GELC
R-25b	750	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-704	CAWA-15-91365	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-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	338	—	—	68	µg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	1200	—	—	68	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.4	—	—	1	µg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	76.5	—	—	1	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.49	—	—	1	µg/L	Y	J	J	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	34.4	—	—	1	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	32.1	—	—	1	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.6	—	—	0.05	mg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	27.3	—	—	0.05	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	27.1	—	—	0.05	mg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.33	—	—	2	µg/L	Y	J	J	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.26	—	—	2	µg/L	Y	J	J	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.87	—	—	2.5	µg/L	Y	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	17.1	—	—	1	µg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	95	—	—	1	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	5.41	—	—	1	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	7.3	—	—	1	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	4.63	—	—	1	µg/L	Y	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	94.7	—	—	0.453	mg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	98.1	—	—	0.453	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.8	—	—	0.453	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96.3	—	—	0.45	mg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.7	—	—	0.35	mg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	731	—	—	30	µg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	3150	—	—	30	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	34.2	—	—	30	µg/L	Y	J	J	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	54.8	—	—	30	µg/L	Y	J	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.85	—	—	0.11	mg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.3	—	—	0.11	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.22	—	—	0.11	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.93	—	—	0.11	mg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6	—	—	0.085	mg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	266	—	—	2	µg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	1380	—	—	2	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	31.2	—	—	2	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	51.3	—	—	2	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	22	—	—	2	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.1	—	—	0.165	µg/L	Y	*	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	40.2	—	—	0.165	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.958	—	—	0.165	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.53	—	—	0.17	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.65	—	—	0.1	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.63	—	—	0.5	µg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.35	—	—	0.5	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.17	—	—	0.5	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.9	—	—	0.5	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.83	—	—	0.5	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.04	—	—	0.05	mg/L	Y	E	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.77	—	—	0.05	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.97	—	—	0.05	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.28	—	—	0.05	mg/L	Y	—	J	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.96	—	—	0.05	mg/L	Y	—	J	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.7	—	—	0.1	mg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	162	—	—	1	µg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	180	—	—	1	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	125	—	—	1	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	168	—	—	1	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	146	—	—	1	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.31	—	—	0.3	µg/L	Y	—	J-	2016-950	CAWA-16-110750	GELC
R-26 PZ-2	150	12/03/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.49	—	—	0.3	µg/L	Y	H	J-	2016-458	CAWA-16-106936	GELC
R-26 PZ-2	150	07/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.03	—	—	0.3	µg/L	Y	—	NQ	2015-1791	CAWA-15-100843	GELC
R-26 PZ-2	150	01/20/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.25	—	—	0.3	µg/L	Y	—	NQ	2015-694	CAWA-15-91339	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	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.399	—	—	0.067	µg/L	Y	—	NQ	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.715	—	—	0.067	µg/L	Y	—	NQ	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.239	—	—	0.067	µg/L	Y	—	NQ	12-1428	CAWA-12-17571	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.355	—	—	0.067	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.374	—	—	0.05	µg/L	Y	—	NQ	10-4534	CAWA-10-25783	GELC
R-26 PZ-2	150	03/24/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.23	—	—	3.3	µg/L	Y	J	J	2016-950	CAWA-16-110781	GELC
R-26 PZ-2	150	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.86	—	—	3.3	µg/L	Y	J	J	2016-458	CAWA-16-106955	GELC
R-26 PZ-2	150	07/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.19	—	—	3.3	µg/L	Y	J	J	12-1428	CAWA-12-17571	GELC
R-26 PZ-2	150	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	31.5	—	—	3.3	µg/L	Y	—	NQ	11-3642	CAWA-11-27095	GELC
R-26 PZ-2	150	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.95	—	—	3.3	µg/L	Y	J	J	10-4534	CAWA-10-25783	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49	—	—	0.725	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.7	—	—	0.725	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.9	—	—	0.725	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00714	0.00629	0.0445	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00798	0.00882	0.0533	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00722	0.0042	0.047	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00701	0.0041	0.042	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00213	0.0048	0.036	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.115	—	—	0.017	mg/L	Y	—	J	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.112	—	—	0.017	mg/L	Y	—	U	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0185	—	—	0.017	mg/L	Y	J	J	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0372	—	—	0.017	mg/L	Y	J	U	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0328	—	—	0.017	mg/L	Y	J	J	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0224	—	—	0.017	mg/L	Y	J	J	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	7.22	—	—	1	µg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	7.67	—	—	1	µg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	7.45	—	—	1	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.05	—	—	1	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	N	9.45	—	—	1	µg/L	Y	—	U	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	N	8.98	—	—	1	µg/L	Y	—	U	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.18	—	—	0.11	µg/L	Y	J	J	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	7.36	—	—	0.05	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	7.62	—	—	0.05	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.54	—	—	0.05	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.6	—	—	0.05	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.93	—	—	0.05	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.72	—	—	0.05	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.91	1.51	5.06	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.269	1.43	5.1	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.15	1.9	7	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.98	1.5	5.1	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.9	1.4	4.3	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.15	—	—	0.067	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.16	—	—	0.067	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.22	—	—	0.067	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.17	—	—	0.067	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.2	—	—	0.067	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.19	—	—	0.067	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.45	—	—	2	µg/L	Y	J	J	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.49	—	—	2	µg/L	Y	J	J	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	4.56	—	—	2	µg/L	Y	J	U	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.53	1.88	6.76	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.38	1.78	5.35	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.414	1.4	5.1	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.167	1.1	4.4	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.66	1.4	4.2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0761	—	—	0.033	mg/L	Y	J	J	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0637	—	—	0.033	mg/L	Y	J	J	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0965	—	—	0.033	mg/L	Y	J	J	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.104	—	—	0.033	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.945	0.632	2.96	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.35	0.454	2.48	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.392	0.69	2.8	—	pCi/L	Y	U	UJ	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.151	0.38	2.2	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.278	0.47	2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.96	0.437	1.36	—	pCi/L	Y	—	NQ	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.14	0.421	1.24	—	pCi/L	Y	—	NQ	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.493	0.65	2.3	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.218	0.69	2.5	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.01	0.96	2.7	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	29.5	—	—	0.453	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.9	—	—	0.453	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.4	—	—	0.453	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.8	—	—	0.453	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.3	—	—	0.453	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.5	—	—	0.453	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.71	—	—	0.11	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.89	—	—	0.11	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.82	—	—	0.11	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.04	—	—	0.11	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.97	—	—	0.11	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.165	µg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.931	—	—	0.165	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.165	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.957	—	—	0.165	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.972	—	—	0.165	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0678	3.21	11.4	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.4	2.92	9.82	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.61	3.4	12	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.145	2.7	8.4	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.357	2.8	9	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.36	—	—	0.5	µg/L	Y	J	J	2016-945	CAWA-16-110782	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.716	—	—	0.5	µg/L	Y	J	J	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.42	—	—	0.5	µg/L	Y	J	J	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2.35	—	—	0.5	µg/L	Y	—	U	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.15	—	—	0.5	µg/L	Y	J	J	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.13	—	—	0.5	µg/L	Y	J	J	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.39	—	—	0.017	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.377	—	—	0.017	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.459	—	—	0.017	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.356	—	—	0.017	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.318	—	—	0.017	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.437	—	—	0.085	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.209	—	—	0.05	µg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.221	—	—	0.05	µg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.223	—	—	0.05	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.233	—	—	0.05	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.226	—	—	0.05	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	01/26/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.248	—	—	0.05	µg/L	Y	—	NQ	12-675	CAWA-12-2012	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0122	0.0441	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0119	0.0103	0.0385	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00239	0.0063	0.039	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00493	0.0035	0.03	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00258	0.0037	0.026	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0368	0.0103	0.0418	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0112	0.0877	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00957	0.0068	0.031	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00493	0.0078	0.031	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00258	0.0045	0.049	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.21	—	—	0.05	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.07	—	—	0.05	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.31	—	—	0.05	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.27	—	—	0.05	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-47.1	21.2	70.7	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.4	15.6	52.7	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.85	32	59	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-22	16	57	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.9	18	58	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.3	—	—	0.053	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.3	—	—	0.053	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	53.6	—	—	0.053	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.1	—	—	0.053	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.3	—	—	0.053	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.2	—	—	0.053	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.23	—	—	0.1	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	7.91	—	—	0.1	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8	—	—	0.1	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.12	—	—	0.1	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.89	—	—	0.1	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.83	—	—	0.1	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.47	1.58	5.72	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0872	1.56	5.94	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.123	1.5	5.8	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.932	1.3	5.3	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.631	1.6	5.2	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	106	—	—	3.63	µS/cm	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	94.9	—	—	3.63	µS/cm	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	1	µS/cm	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	101	—	—	1	µS/cm	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	1	µS/cm	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	1	µS/cm	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	42.1	—	—	1	µg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	43.3	—	—	1	µg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	44.2	—	—	1	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48.3	—	—	1	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0814	0.107	0.443	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.247	0.121	0.43	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0439	0.13	0.48	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.278	0.15	0.48	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0602	0.14	0.49	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.23	—	—	0.133	mg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.11	—	—	0.133	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.42	—	—	0.133	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.18	—	—	0.133	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.21	—	—	0.133	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.17	—	—	0.133	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.71	—	—	2.5	µg/L	Y	J	J	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	62.9	—	—	3.4	mg/L	Y	—	J	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	78.6	—	—	3.4	mg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	88.6	—	—	3.4	mg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	90	—	—	3.4	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.431	—	—	0.33	mg/L	Y	J	J	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	01/21/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2015-698	CAWA-15-91340	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.552	—	—	0.33	mg/L	Y	J	J	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	03/15/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.757	—	—	0.33	mg/L	Y	J	J	2013-637	CAWA-13-28841	GELC
R-26 S1	651.8	07/26/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	12-1456	CAWA-12-17553	GELC
R-26 S1	651.8	07/26/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.19	—	—	0.33	mg/L	Y	—	NQ	12-1456	CAWA-12-17513	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0467	—	—	0.017	mg/L	Y	J	J	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	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	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0491	—	—	0.017	mg/L	Y	J	U	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	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	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0692	—	—	0.017	mg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0787	—	—	0.017	mg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.607	—	—	0.067	µg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.31	—	—	0.067	µg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.285	—	—	0.067	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.333	—	—	0.067	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.327	—	—	0.067	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.318	—	—	0.067	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.202	0.0246	0.0987	—	pCi/L	Y	—	NQ	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.207	0.0253	0.0483	—	pCi/L	Y	—	NQ	2014-2974	CAWA-14-54749	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.174	0.024	0.037	—	pCi/L	Y	—	NQ	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.252	0.03	0.058	—	pCi/L	Y	—	NQ	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.171	0.026	0.055	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0309	0.0107	0.0676	—	pCi/L	Y	U	U	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0216	0.0102	0.0461	—	pCi/L	Y	U	U	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0181	0.0075	0.033	—	pCi/L	Y	U	U	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0082	0.0055	0.032	—	pCi/L	Y	U	U	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0188	0.01	0.04	—	pCi/L	Y	U	U	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.175	0.0223	0.0643	—	pCi/L	Y	—	NQ	2016-945	CAWA-16-110751	GELC
R-26 S1	651.8	03/11/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.134	0.0202	0.0452	—	pCi/L	Y	—	NQ	2014-2974	CAWA-14-54749	GELC
R-26 S1	651.8	01/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0853	0.017	0.031	—	pCi/L	Y	—	NQ	12-675	CAWA-12-2013	GELC
R-26 S1	651.8	12/09/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.122	0.019	0.032	—	pCi/L	Y	—	NQ	12-495	CAWA-12-1760	GELC
R-26 S1	651.8	09/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0884	0.019	0.048	—	pCi/L	Y	—	NQ	11-3634	CAWA-11-27172	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.62	—	—	1	µg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.31	—	—	1	µg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.35	—	—	1	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.68	—	—	1	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.68	—	—	1	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.91	—	—	1	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-26 S1	651.8	03/23/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.2	—	—	3.3	µg/L	Y	—	NQ	2016-945	CAWA-16-110782	GELC
R-26 S1	651.8	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.9	—	—	3.3	µg/L	Y	—	NQ	2015-698	CAWA-15-91367	GELC
R-26 S1	651.8	03/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.7	—	—	3.3	µg/L	Y	—	NQ	2014-2974	CAWA-14-54770	GELC
R-26 S1	651.8	03/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	19.6	—	—	3.3	µg/L	Y	—	NQ	2013-637	CAWA-13-28867	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	12.7	—	—	3.3	µg/L	Y	—	NQ	12-1456	CAWA-12-17572	GELC
R-26 S1	651.8	07/26/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.1	—	—	3.3	µg/L	Y	—	NQ	12-1456	CAWA-12-17516	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	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	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.2	—	—	0.725	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	277	—	—	0.725	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.4	—	—	0.725	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.3	—	—	0.725	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.3	—	—	0.725	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.6	—	—	0.725	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00396	0.00626	0.0355	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-1.14E-09	0.00646	0.0385	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.6	—	—	1	µg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.8	—	—	1	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.6	—	—	1	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.5	—	—	1	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	11.5	—	—	1	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	10.5	—	—	1	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.89	—	—	0.05	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.78	—	—	0.05	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.67	—	—	0.05	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.52	—	—	0.05	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.277	1.33	4.79	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.54	1.3	5.44	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.43	—	—	0.067	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.52	—	—	0.067	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.53	—	—	0.067	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.46	—	—	0.067	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.57	—	—	0.067	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.58	—	—	0.067	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.21	—	—	2	µg/L	Y	J	J	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.08	—	—	2	µg/L	Y	J	J	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.37	—	—	2	µg/L	Y	J	J	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.08	—	—	2	µg/L	Y	J	J	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.81	1.37	5.61	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.448	1.23	4.9	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	1.94	—	—	1.5	µg/L	Y	J	J+	2016-933	CAWA-16-110754	GELC
R-47	1322	12/14/15	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.4	—	—	3.13	µg/L	Y	U	U	2016-518	CAWA-16-106917	GELC
R-47	1322	12/14/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2016-518	CAWA-16-106937	GELC
R-47	1322	07/29/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.2	—	—	3.06	µg/L	Y	U	U	2015-1917	CAWA-15-100844	GELC
R-47	1322	05/18/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2015-1219	CAWA-15-95851	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0795	—	—	0.033	mg/L	Y	J	J	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0801	—	—	0.033	mg/L	Y	J	J	2016-518	CAWA-16-106956	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0864	—	—	0.033	mg/L	Y	J	J	2016-518	CAWA-16-106919	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0838	—	—	0.033	mg/L	Y	J	J	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.108	—	—	0.066	mg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0769	—	—	0.033	mg/L	Y	J	J	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.87	1.03	2.94	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.16	0.914	2.68	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.897	0.511	1.68	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.765	0.314	1.01	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38	—	—	0.453	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.453	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.8	—	—	0.453	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.3	—	—	0.453	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.3	—	—	0.453	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.8	—	—	0.453	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.02	—	—	0.11	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.14	—	—	0.11	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.96	—	—	0.11	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.91	—	—	0.11	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.698	—	—	0.165	µg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.637	—	—	0.165	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.677	—	—	0.165	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.648	—	—	0.165	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.774	—	—	0.165	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.814	—	—	0.165	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.33	2.52	9.33	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.02	3.04	11.8	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.26	—	—	0.5	µg/L	Y	J	J	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.49	—	—	0.5	µg/L	Y	J	J	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.37	—	—	0.5	µg/L	Y	J	J	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.9	—	—	0.5	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.6	—	—	0.5	µg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.77	—	—	0.5	µg/L	Y	J	J	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	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	2016-933	CAWA-16-110785	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.237	—	—	0.017	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.219	—	—	0.017	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.261	—	—	0.017	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.338	—	—	0.017	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.288	—	—	0.017	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	Y	1.57	—	—	1.5	µg/L	Y	J	J	2016-933	CAWA-16-110754	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.204	—	—	0.0714	µg/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	12/14/15	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10.4	—	—	3.13	µg/L	Y	U	U	2016-518	CAWA-16-106917	GELC
R-47	1322	12/14/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10	—	—	3	µg/L	Y	U	U	2016-518	CAWA-16-106937	GELC
R-47	1322	07/29/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10.2	—	—	3.06	µg/L	Y	U	U	2015-1917	CAWA-15-100844	GELC
R-47	1322	05/18/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10	—	—	3	µg/L	Y	U	U	2015-1219	CAWA-15-95851	GELC
R-47	1322	01/15/15	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	1	—	—	0.1	µg/L	Y	U	U	2015-677	CAWA-15-91343	SHEALY
R-47	1322	01/15/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	5	—	—	0.7	µg/L	Y	U	UJ	2015-677	CAWA-15-91343	SHEALY
R-47	1322	01/15/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10	—	—	3	µg/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.261	—	—	0.05	µg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.252	—	—	0.05	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.264	—	—	0.05	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.266	—	—	0.05	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.259	—	—	0.05	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00854	0.00739	0.0338	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0279	0.0121	0.0437	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0192	0.00879	0.031	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00348	0.0104	0.072	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.897	—	—	0.05	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.935	—	—	0.05	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.914	—	—	0.05	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.906	—	—	0.05	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.891	—	—	0.05	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.911	—	—	0.05	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.39	17.3	67.4	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.55	20.5	72.6	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	Y	2.34	—	—	1.5	µg/L	Y	J	J	2016-933	CAWA-16-110754	GELC
R-47	1322	12/14/15	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	10.4	—	—	3.13	µg/L	Y	U	U	2016-518	CAWA-16-106917	GELC
R-47	1322	12/14/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	10	—	—	3	µg/L	Y	U	U	2016-518	CAWA-16-106937	GELC
R-47	1322	07/29/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	10.2	—	—	3.06	µg/L	Y	U	U	2015-1917	CAWA-15-100844	GELC
R-47	1322	05/18/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	10	—	—	3	µg/L	Y	U	U	2015-1219	CAWA-15-95851	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	10	—	—	3	µg/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58	—	—	0.053	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	0.053	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.1	—	—	0.053	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.9	—	—	0.053	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.4	—	—	0.053	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.9	—	—	0.053	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.47	—	—	0.1	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.08	—	—	0.1	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.01	—	—	0.1	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.81	—	—	0.1	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.5	—	—	0.1	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.33	—	—	0.1	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.762	1.08	3.89	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.321	2.04	7	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	3.63	µS/cm	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	3.63	µS/cm	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	3.63	µS/cm	Y	—	NQ	2016-518	CAWA-16-106956	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	3.63	µS/cm	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	3.63	µS/cm	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	3.63	µS/cm	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.9	—	—	1	µg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	43.3	—	—	1	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	42.9	—	—	1	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47	—	—	1	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48	—	—	1	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.6	—	—	1	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.468	0.154	0.482	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.269	0.149	0.49	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.38	—	—	0.133	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.46	—	—	0.133	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.47	—	—	0.133	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.44	—	—	0.133	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.49	—	—	0.133	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.56	—	—	0.133	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	85.7	—	—	3.4	mg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	61.4	—	—	3.4	mg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	101	—	—	3.4	mg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	91.4	—	—	3.4	mg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.49	—	—	0.33	mg/L	Y	J	J	2016-933	CAWA-16-110754	GELC
R-47	1322	12/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.699	—	—	0.33	mg/L	Y	J	J	2016-518	CAWA-16-106937	GELC
R-47	1322	12/14/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.866	—	—	0.33	mg/L	Y	J	J	2016-518	CAWA-16-106917	GELC
R-47	1322	07/29/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.682	—	—	0.33	mg/L	Y	J	J	2015-1917	CAWA-15-100844	GELC
R-47	1322	05/18/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.991	—	—	0.33	mg/L	Y	J	J	2015-1219	CAWA-15-95851	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.34	—	—	0.33	mg/L	Y	—	NQ	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.31	0.677	2.275	—	pCi/L	Y	U	U	2016-946	CAWA-16-110754	ARSL
R-47	1322	07/29/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.061	0.752	2.187	—	pCi/L	Y	U	U	2015-1925	CAWA-15-100844	ARSL
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.255	0.847	2.13	—	pCi/L	Y	—	J-	2015-709	CAWA-15-91343	ARSL
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.463	—	—	0.067	µg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.477	—	—	0.067	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.462	—	—	0.067	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.411	—	—	0.067	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.564	—	—	0.067	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.269	0.0324	0.128	—	pCi/L	Y	—	NQ	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.361	0.0346	0.122	—	pCi/L	Y	—	NQ	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0148	0.0111	0.0819	—	pCi/L	Y	U	U	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00756	0.0107	0.0578	—	pCi/L	Y	U	U	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.139	0.0243	0.0817	—	pCi/L	Y	—	NQ	2016-933	CAWA-16-110754	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.22	0.0267	0.0626	—	pCi/L	Y	—	J	2015-675	CAWA-15-91343	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.54	—	—	1	µg/L	Y	J	J	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.71	—	—	1	µg/L	Y	J	J	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.67	—	—	1	µg/L	Y	J	J	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.59	—	—	1	µg/L	Y	J	J	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.47	—	—	1	µg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.41	—	—	1	µg/L	Y	J	J	2015-675	CAWA-15-91370	GELC
R-47	1322	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	15.8	—	—	3.3	µg/L	Y	—	NQ	2016-933	CAWA-16-110785	GELC
R-47	1322	12/14/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.8	—	—	3.3	µg/L	Y	—	NQ	2016-518	CAWA-16-106919	GELC
R-47	1322	12/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.3	—	—	3.3	µg/L	Y	—	NQ	2016-518	CAWA-16-106956	GELC
R-47	1322	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	23.6	—	—	3.3	µg/L	Y	—	NQ	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.5	—	—	3.3	µg/L	Y	—	NQ	2015-1219	CAWA-15-95856	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	27.1	—	—	3.3	µg/L	Y	—	NQ	2015-675	CAWA-15-91370	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	0.01	SU	Y	H	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	J-	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	J-	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.9	—	—	0.725	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	0.725	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	0.725	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	0.725	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.2	—	—	0.73	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.7	—	—	0.73	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00239	0.00718	0.0448	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.04	0.0118	0.0471	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00205	0.002	0.04	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00243	0.0054	0.048	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0044	0.03	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00574	0.0043	0.032	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00527	0.0047	0.024	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00187	0.0019	0.025	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	7.81	—	—	1	µg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	9.16	—	—	1	µg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.28	—	—	1	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.17	—	—	1	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.25	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.93	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10	—	—	0.05	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.7	—	—	0.05	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.91	—	—	0.05	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.9	—	—	0.05	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.287	1.61	5.25	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.73	1.46	4.57	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.273	1.7	6.1	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.39	1.7	6.2	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.12	1.3	4	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.898	1.3	4.1	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.38	1.5	5.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.73	1.1	3	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.36	—	—	0.067	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.46	—	—	0.067	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.067	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	—	0.066	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	—	0.066	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.35	—	—	2	µg/L	Y	J	J	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.83	—	—	2	µg/L	Y	J	J	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-606	CAWA-12-1998	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-606	CAWA-12-2001	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.16	1.19	5.22	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.618	1.49	5.59	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.594	2.1	7.6	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.1	1.9	6.6	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.57	1.4	5.2	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.963	1.4	4.8	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.51	1.4	3.8	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.207	1.3	4.4	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.131	—	—	0.033	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.129	—	—	0.033	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.121	—	—	0.033	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	—	0.033	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.196	—	—	0.033	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.94	1.06	2.84	—	pCi/L	Y	—	NQ	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.78	0.469	1.49	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.14	0.68	2	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.49	0.78	2.2	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.148	0.41	2.1	—	pCi/L	Y	U	UJ	11-3581	CAWA-11-27186	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.63	0.93	2	—	pCi/L	Y	—	UJ	11-3581	CAWA-11-27181	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.615	0.55	2	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.716	0.73	2.6	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.83	0.39	1.21	—	pCi/L	Y	—	NQ	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.28	0.36	1.14	—	pCi/L	Y	—	NQ	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.183	0.54	2.2	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.193	0.77	2.8	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.809	0.68	2.3	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.628	0.74	2.6	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.81	0.79	2.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.67	0.87	2.6	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14013	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.5	—	—	0.453	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.6	—	—	0.453	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.1	—	—	0.453	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	0.45	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.5	—	—	0.45	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.25	—	—	0.11	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.26	—	—	0.11	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.54	—	—	0.165	µg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.43	—	—	0.165	µg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.61	—	—	0.165	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.58	—	—	0.165	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.46	—	—	0.17	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.51	—	—	0.17	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.54	2.96	10.6	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.14	2.41	8.62	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.31	3.6	13	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.91	2.9	11	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.04	3.2	11	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.36	3	8.8	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	03/28/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.56	2.7	9.4	—	pCi/L	Y	U	U	11-1812	CAWA-11-5385	GELC
R-48	1500	03/28/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.53	2.4	8	—	pCi/L	Y	U	U	11-1812	CAWA-11-5380	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.17	—	—	0.5	µg/L	Y	J	J	2016-942	CAWA-16-110787	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.27	—	—	0.5	µg/L	Y	J	J	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.48	—	—	0.5	µg/L	Y	J	J	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.53	—	—	0.5	µg/L	Y	J	U	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.928	—	—	0.5	µg/L	Y	J	J	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.966	—	—	0.5	µg/L	Y	J	J	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.28	—	—	0.017	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.277	—	—	0.017	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.349	—	—	0.017	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.278	—	—	0.017	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.485	—	—	0.05	mg/L	Y	—	J+	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.372	—	—	0.05	mg/L	Y	—	J+	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.281	—	—	0.05	µg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.297	—	—	0.05	µg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	09/13/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	—	NQ	11-3580	CAWA-11-27184	GELC
R-48	1500	09/13/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.337	—	—	0.05	µg/L	Y	—	NQ	11-3580	CAWA-11-27182	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00621	0.00548	0.0397	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00785	0.0413	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00901	0.006	0.049	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0127	0.0098	0.042	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00218	0.0031	0.022	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00283	0.0028	0.029	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00173	0.003	0.026	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0118	0.0055	0.029	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00207	0.00746	0.0376	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00784	0.094	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00254	0.0057	0.033	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.012	0.0074	0.039	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-1.35E-09	0.0069	0.054	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00654	0.0049	0.042	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0049	0.036	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0176	0.0065	0.041	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	J	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	J	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12	19.2	71.9	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	35.6	19	37.9	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.3	20	71	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	16.9	18	75	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.4	15	48	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-14	16	51	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.5	15	49	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	2.82	19	71	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.3	—	—	0.053	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.5	—	—	0.053	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	52.4	—	—	0.053	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	56.5	—	—	0.053	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55	—	—	0.053	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55.5	—	—	0.053	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.742	1.42	5.75	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.245	1.16	4.58	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.18	1.6	6.6	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.895	1.7	6.4	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1	1.3	4.7	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0154	1.1	3.6	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.116	1.5	5.1	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.95	0.94	3.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	3.63	µS/cm	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	3.63	µS/cm	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	1	µS/cm	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.5	—	—	1	µg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.3	—	—	1	µg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.8	—	—	1	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.043	0.139	0.494	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0474	0.0489	0.164	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.337	0.15	0.48	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0133	0.14	0.49	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0895	0.14	0.48	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.465	0.16	0.49	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.15	0.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.216	0.15	0.5	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.22	—	—	0.133	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.34	—	—	0.133	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	—	—	0.133	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.31	—	—	0.1	mg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.1	mg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	61.4	—	—	3.4	mg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	74.3	—	—	3.4	mg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	J	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	J	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0327	—	—	0.017	mg/L	Y	J	J	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	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	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0492	—	—	0.017	mg/L	Y	J	U	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	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	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0315	—	—	0.015	mg/L	Y	J	J	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	U	U	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.083	0.698	2.379	—	pCi/L	Y	U	U	2016-946	CAWA-16-110756	ARSL
R-48	1500	01/26/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.825	0.75	2.248	—	pCi/L	Y	U	U	2015-743	CAWA-15-91345	ARSL
R-48	1500	03/20/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.129	0.834	2.824	—	pCi/L	Y	U	U	2013-674	CAWA-13-28843	ARSL
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.0912	0.9016	2.3828	—	pCi/L	Y	—	NQ	11-3582	CAWA-11-27181	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 Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.1878	0.8694	2.2218	—	pCi/L	Y	—	NQ	11-3582	CAWA-11-27186	ARSL
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.7084	0.6762	2.2862	—	pCi/L	Y	U	U	11-2801	CAWA-11-14013	ARSL
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.5152	0.7728	2.6404	—	pCi/L	Y	U	U	11-2801	CAWA-11-14011	ARSL
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.601	—	—	0.067	µg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.514	—	—	0.067	µg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.597	—	—	0.067	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.577	—	—	0.067	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.532	—	—	0.067	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.528	—	—	0.067	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.387	0.0352	0.124	—	pCi/L	Y	—	NQ	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.345	0.0325	0.0469	—	pCi/L	Y	—	NQ	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.44	0.054	0.064	—	pCi/L	Y	—	NQ	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.372	0.041	0.044	—	pCi/L	Y	—	NQ	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.357	0.045	0.064	—	pCi/L	Y	—	NQ	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.39	0.047	0.062	—	pCi/L	Y	—	NQ	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.358	0.041	0.06	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14013	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.346	0.045	0.08	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14011	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0117	0.0103	0.0852	—	pCi/L	Y	U	U	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0245	0.0105	0.0447	—	pCi/L	Y	U	U	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00518	0.0052	0.056	—	pCi/L	Y	U	U	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0177	0.008	0.038	—	pCi/L	Y	U	U	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0175	0.011	0.046	—	pCi/L	Y	U	U	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0212	0.0096	0.045	—	pCi/L	Y	U	U	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0269	0.011	0.043	—	pCi/L	Y	U	U	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00672	0.0082	0.032	—	pCi/L	Y	U	U	11-2749	CAWA-11-14013	GELC
R-48	1500	03/22/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.176	0.0248	0.081	—	pCi/L	Y	—	J	2016-942	CAWA-16-110756	GELC
R-48	1500	03/04/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.0226	0.0438	—	pCi/L	Y	—	NQ	2014-2938	CAWA-14-54751	GELC
R-48	1500	01/18/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.205	0.033	0.054	—	pCi/L	Y	—	NQ	12-606	CAWA-12-2000	GELC
R-48	1500	01/18/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.203	0.028	0.037	—	pCi/L	Y	—	NQ	12-606	CAWA-12-2002	GELC
R-48	1500	09/13/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.213	0.034	0.056	—	pCi/L	Y	—	NQ	11-3581	CAWA-11-27181	GELC
R-48	1500	09/13/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.213	0.031	0.054	—	pCi/L	Y	—	NQ	11-3581	CAWA-11-27186	GELC
R-48	1500	06/22/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.246	0.035	0.048	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14011	GELC
R-48	1500	06/22/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.245	0.031	0.036	—	pCi/L	Y	—	NQ	11-2749	CAWA-11-14013	GELC
R-48	1500	03/22/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	11.4	—	—	1	µg/L	Y	—	NQ	2016-942	CAWA-16-110787	GELC
R-48	1500	01/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	11.4	—	—	1	µg/L	Y	—	NQ	2015-720	CAWA-15-91372	GELC
R-48	1500	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	11.1	—	—	1	µg/L	Y	—	NQ	2014-2938	CAWA-14-54772	GELC
R-48	1500	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	11.6	—	—	1	µg/L	Y	—	NQ	2013-652	CAWA-13-28869	GELC
R-48	1500	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	10.8	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-2001	GELC
R-48	1500	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	10.6	—	—	1	µg/L	Y	—	NQ	12-606	CAWA-12-1998	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	0.725	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.5	—	—	0.725	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	216	—	—	68	µg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	278	—	—	68	µg/L	Y	—	J	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0123	0.00584	0.0315	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0349	0.0101	0.0424	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.2	—	—	1	µg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.8	—	—	1	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	7.97	—	—	0.05	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	7.88	—	—	0.05	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.748	1.28	4.59	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.02	1.52	5.27	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.69	—	—	0.067	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.76	—	—	0.067	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.55	—	—	2	µg/L	Y	J	J	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.497	1.67	6.53	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.43	1.53	6.31	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.141	—	—	0.033	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.46	0.976	2.78	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.906	2.99	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.84	0.367	1.13	—	pCi/L	Y	—	NQ	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.933	0.486	1.56	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	28.9	—	—	0.453	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	28.7	—	—	0.453	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	70.6	—	—	30	µg/L	Y	J	J	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	112	—	—	30	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.18	—	—	0.11	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.19	—	—	0.11	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.37	—	—	0.165	µg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.61	—	—	0.165	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.89	2.87	10.7	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.37	3.03	11.3	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.963	—	—	0.5	µg/L	Y	J	J	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.44	—	—	0.017	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.329	—	—	0.017	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.249	—	—	0.05	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0228	0.0108	0.0514	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00471	0.00816	0.0491	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.026	0.0113	0.0473	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0165	0.0103	0.0491	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.2	22.6	70.5	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.5	19.3	63	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.4	—	—	0.053	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.1	—	—	0.053	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.8	—	—	0.1	mg/L	Y	E	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.2	—	—	0.1	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.01	1.2	5.17	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.45	1.8	7.14	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	3.63	µS/cm	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.5	—	—	1	µg/L	Y	E	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	60.3	—	—	1	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.126	0.143	0.498	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0299	0.103	0.365	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.26	—	—	0.133	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.08	—	—	0.133	mg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	42.9	—	—	3.4	mg/L	Y	—	J	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.386	—	—	0.33	mg/L	Y	J	J	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.815	—	—	0.33	mg/L	Y	J	J-	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0402	—	—	0.017	mg/L	Y	J	J	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.03	—	—	0.017	mg/L	Y	J	J	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.785	0.699	2.398	—	pCi/L	Y	U	U	2016-946	CAWA-16-110757	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 Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.068	0.644	2.189	—	pCi/L	Y	U	U	2016-641	CAWA-16-108134	ARSL
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.51	—	—	0.067	µg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.44	—	—	0.067	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.794	0.0613	0.161	—	pCi/L	Y	—	NQ	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.815	0.0486	0.112	—	pCi/L	Y	—	NQ	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0454	0.0175	0.103	—	pCi/L	Y	U	U	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0495	0.0141	0.0814	—	pCi/L	Y	U	U	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.432	0.0449	0.103	—	pCi/L	Y	—	NQ	2016-934	CAWA-16-110757	GELC
R-58	1257	01/19/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.48	0.0377	0.0613	—	pCi/L	Y	—	NQ	2016-635	CAWA-16-108134	GELC
R-58	1257	03/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.6	—	—	1	µg/L	Y	—	NQ	2016-934	CAWA-16-110788	GELC
R-58	1257	01/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.83	—	—	1	µg/L	Y	—	NQ	2016-635	CAWA-16-108135	GELC
R-63	1325	03/29/16	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	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	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	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/27/15	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	2015-734	CAWA-15-92647	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	03/29/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49	—	—	0.725	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.9	—	—	0.725	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.2	—	—	0.725	mg/L	Y	—	NQ	2015-734	CAWA-15-92647	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	03/29/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0102	0.00614	0.0383	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00973	0.00584	0.0389	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0116	0.0082	0.038	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0079	0.051	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00202	0.0045	0.034	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.1	—	—	0.017	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0647	—	—	0.017	mg/L	Y	—	U	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-685	CAWA-15-91373	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	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.4	—	—	1	µg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.1	—	—	1	µg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.6	—	—	1	µg/L	Y	—	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.1	—	—	0.05	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.69	—	—	0.05	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.19	—	—	0.05	mg/L	Y	—	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.567	1.29	3.16	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.85	1.81	4.64	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-4.65	1.6	4.7	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0024	1.6	5.5	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.727	1.5	4.9	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.09	—	—	0.067	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.11	—	—	0.067	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.1	—	—	0.067	mg/L	Y	—	NQ	2015-734	CAWA-15-92647	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	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	03/29/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.941	1.09	3.52	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.93	1.99	6.68	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.53	2	5.9	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.222	1.2	4.7	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.87	1.8	4.1	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0606	—	—	0.033	mg/L	Y	J	J	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0686	—	—	0.033	mg/L	Y	J	J	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0555	—	—	0.033	mg/L	Y	J	J	2015-734	CAWA-15-92647	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	03/29/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.94	0.917	2.82	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.1	0.821	2.81	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.139	0.34	1.7	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0362	0.33	1.8	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.439	0.54	2.2	—	pCi/L	Y	U	UJ	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.9	0.916	2.98	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.81	0.347	1.05	—	pCi/L	Y	—	NQ	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.248	0.51	1.9	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.1	0.65	2.1	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.211	0.73	2.8	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.4	—	—	0.453	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.6	—	—	0.453	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.7	—	—	0.453	mg/L	Y	—	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.84	—	—	0.11	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.02	—	—	0.11	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.85	—	—	0.11	mg/L	Y	—	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.56	—	—	0.165	µg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.477	—	—	0.165	µg/L	Y	J	J	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.511	—	—	0.165	µg/L	Y	—	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.83	2.16	7.54	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.2	2.61	9.13	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.489	3.1	11	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.96	2.4	7.6	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.15	3	9.5	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.476	—	—	0.017	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.461	—	—	0.017	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.462	—	—	0.017	mg/L	Y	—	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.249	—	—	0.05	µg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.26	—	—	0.05	µg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/27/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.238	—	—	0.05	µg/L	Y	—	NQ	2015-734	CAWA-15-92647	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	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	03/29/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00449	0.00709	0.043	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00223	0.0059	0.0277	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00331	0.0099	0.054	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0202	0.013	0.04	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.01	0.0067	0.02	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00448	0.00951	0.0407	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0334	0.0102	0.0476	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.0067	0.043	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0168	0.0076	0.042	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00402	0.0028	0.038	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.765	—	—	0.05	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.717	—	—	0.05	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.748	—	—	0.05	mg/L	Y	—	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.55	14.7	54.7	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.24	17.5	66.8	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.4	22	74	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.25	18	62	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.3	21	67	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.42	—	—	0.0851	µg/L	Y	—	NQ	2016-965	CAWA-16-110758	GELC
R-63	1325	07/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.47	—	—	0.0874	µg/L	Y	—	NQ	2015-1740	CAWA-15-100845	GELC
R-63	1325	01/16/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.66	—	—	0.0842	µg/L	Y	—	NQ	2015-685	CAWA-15-91346	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	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.7	—	—	0.053	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.7	—	—	0.053	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.4	—	—	0.053	mg/L	Y	—	NQ	2015-734	CAWA-15-92647	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.8	—	—	0.053	mg/L	Y	—	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.17	—	—	0.1	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	7.97	—	—	0.1	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.35	—	—	0.1	mg/L	Y	E	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.95	1.07	3.4	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.355	1.52	5.91	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0641	1.6	6.1	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.665	1.1	4.1	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.458	1.6	5.2	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	3.63	µS/cm	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	98.8	—	—	3.63	µS/cm	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	3.63	µS/cm	Y	—	NQ	2015-734	CAWA-15-92647	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	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.3	—	—	1	µg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.1	—	—	1	µg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.9	—	—	1	µg/L	Y	—	NQ	2015-685	CAWA-15-91373	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	03/29/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.348	0.131	0.486	—	pCi/L	Y	U	U	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.108	0.0841	0.295	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0526	0.14	0.49	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.115	0.14	0.48	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.113	0.14	0.49	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	—	0.133	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.16	—	—	0.133	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	—	0.133	mg/L	Y	—	NQ	2015-734	CAWA-15-92647	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	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.94	—	—	2.5	µg/L	Y	J	J	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-685	CAWA-15-91373	GELC
R-63	1325	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-4395	CAWA-14-84567	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2014-2933	CAWA-14-54773	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	85.7	—	—	3.4	mg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	62.9	—	—	3.4	mg/L	Y	—	NQ	2015-734	CAWA-15-92647	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	03/29/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.44	—	—	0.33	mg/L	Y	J	J	2016-965	CAWA-16-110758	GELC
R-63	1325	07/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.416	—	—	0.33	mg/L	Y	J	J-	2015-1740	CAWA-15-100845	GELC
R-63	1325	01/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.638	—	—	0.33	mg/L	Y	J	J	2015-685	CAWA-15-91346	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	03/29/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0331	—	—	0.017	mg/L	Y	J	J	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0271	—	—	0.017	mg/L	Y	J	J	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	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	2015-685	CAWA-15-91373	GELC
R-63	1325	08/19/14	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	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	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	2014-4395	CAWA-14-84567	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0416	—	—	0.017	mg/L	Y	J	U	2014-2933	CAWA-14-54773	GELC
R-63	1325	03/29/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.295	0.611	1.881	—	pCi/L	Y	U	U	2016-975	CAWA-16-110758	ARSL
R-63	1325	01/16/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.22	0.623	1.942	—	pCi/L	Y	U	U	2015-709	CAWA-15-91346	ARSL
R-63	1325	03/13/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.218	0.798	2.557	—	pCi/L	Y	U	U	2013-617	CAWA-13-28844	ARSL
R-63	1325	07/24/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.197	0.67	2.26	—	pCi/L	Y	U	UJ	12-1450	CAWA-12-17554	ARSL
R-63	1325	04/04/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.331	0.524	1.753	—	pCi/L	Y	U	U	12-1191	CAWA-12-13004	ARSL
R-63	1325	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.344	—	—	0.067	µg/L	Y	—	NQ	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.332	—	—	0.067	µg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.359	—	—	0.067	µg/L	Y	—	NQ	2015-685	CAWA-15-91373	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
R-63	1325	03/29/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.265	0.0318	0.126	—	pCi/L	Y	—	NQ	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.206	0.0276	0.0443	—	pCi/L	Y	—	NQ	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.198	0.027	0.036	—	pCi/L	Y	—	NQ	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.179	0.027	0.078	—	pCi/L	Y	—	NQ	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.213	0.029	0.044	—	pCi/L	Y	—	NQ	11-3513	CAWA-11-27190	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	03/29/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0907	0.0197	0.0864	—	pCi/L	Y	—	NQ	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0198	0.0104	0.0423	—	pCi/L	Y	U	U	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0029	0.0065	0.031	—	pCi/L	Y	U	U	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00736	0.0074	0.043	—	pCi/L	Y	U	U	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00298	0.0052	0.032	—	pCi/L	Y	U	U	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.23	0.0278	0.0821	—	pCi/L	Y	—	NQ	2016-965	CAWA-16-110758	GELC
R-63	1325	03/03/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.144	0.0207	0.0414	—	pCi/L	Y	—	J	2014-2933	CAWA-14-54752	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.02	0.03	—	pCi/L	Y	—	NQ	12-627	CAWA-12-2016	GELC
R-63	1325	12/16/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.107	0.019	0.043	—	pCi/L	Y	—	NQ	12-529	CAWA-12-1764	GELC
R-63	1325	09/08/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.162	0.023	0.038	—	pCi/L	Y	—	NQ	11-3513	CAWA-11-27190	GELC
R-63	1325	03/29/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.62	—	—	1	µg/L	Y	J	J	2016-965	CAWA-16-110789	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.65	—	—	1	µg/L	Y	J	J	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.78	—	—	1	µg/L	Y	J	J	2015-685	CAWA-15-91373	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
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	0.01	SU	Y	H	J-	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.28	—	—	0.01	SU	Y	H	J-	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	0.01	SU	Y	H	J-	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	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-	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.2	—	—	0.725	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.2	—	—	0.73	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.1	—	—	0.73	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.3	—	—	0.73	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	0.73	mg/L	Y	—	NQ	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	884	—	—	68	µg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	483	—	—	68	µg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	1620	—	—	68	µg/L	Y	N*	J+	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	227	—	—	68	µg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	260	—	—	68	µg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0201	0.0137	0.0536	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0033	0.0031	0.036	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0196	0.053	0.19	—	pCi/L	Y	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00658	0.0029	0.027	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00801	0.0105	0.0399	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.362	—	—	0.086	µg/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.665	—	—	0.1	µg/L	Y	—	J	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	04/09/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.825	—	—	0.1	µg/L	Y	—	NQ	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.09	—	—	0.1	µg/L	Y	—	NQ	10-147	CAWA-09-13702	GELC
SWSC Spring	—	03/24/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.1	—	—	0.13	µg/L	Y	—	NQ	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.197	—	—	0.086	µg/L	Y	J	J	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.432	—	—	0.1	µg/L	Y	—	J	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	04/09/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.653	—	—	0.1	µg/L	Y	—	NQ	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.811	—	—	0.1	µg/L	Y	—	NQ	10-147	CAWA-09-13702	GELC
SWSC Spring	—	03/24/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.819	—	—	0.12	µg/L	Y	—	NQ	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.127	—	—	0.017	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.028	—	—	0.016	mg/L	Y	J	J-	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.03	mg/L	Y	U	U	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	227	—	—	1	µg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	264	—	—	1	µg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	327	—	—	1	µg/L	Y	—	NQ	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	273	—	—	1	µg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	265	—	—	1	µg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.2	—	—	15	µg/L	Y	J	J	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	36.4	—	—	15	µg/L	Y	J	J	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	29.6	—	—	15	µg/L	Y	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	28.2	—	—	10	µg/L	Y	J	J	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.6	—	—	0.03	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.24	1.55	5.29	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.526	2.2	8.3	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.26	1.4	4.8	—	pCi/L	Y	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.83	1.3	4.4	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.1	1.39	4.34	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.4	—	—	0.335	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.9	—	—	0.066	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.1	—	—	0.066	mg/L	Y	—	J+	10-148	CAWA-09-13701	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.1	—	—	0.066	mg/L	N	—	J+	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24	—	—	0.13	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.1	—	—	0.066	mg/L	Y	—	NQ	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.91	—	—	2	µg/L	Y	J	J	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.67	—	—	2.5	µg/L	Y	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2.5	µg/L	Y	U	U	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.75	—	—	2.5	µg/L	Y	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.88	—	—	1.5	µg/L	Y	J	J	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.289	1.16	4.7	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.58	1.7	6	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.62	1.2	4.4	—	pCi/L	Y	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.547	1.4	4.4	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.14	1.44	5.12	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.134	—	—	0.086	µg/L	Y	J	J	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.13	—	—	0.069	µg/L	Y	J	U	10-4541	CAWA-10-25722	STSL
SWSC Spring	—	04/09/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.5	—	—	0.069	µg/L	Y	U	U	10-2715	CAWA-10-14968	STSL
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.5	—	—	0.069	µg/L	Y	U	UJ	10-150	CAWA-09-13702	STSL
SWSC Spring	—	03/24/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	Y	0.38	—	—	0.069	µg/L	Y	JP	J	09-1276	CAWA-09-5527	STSL
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.146	—	—	0.033	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.114	—	—	0.033	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.107	—	—	0.033	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.295	—	—	0.033	mg/L	N	—	R	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.182	—	—	0.033	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	NQ	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.521	0.801	2.93	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.65	0.77	1.9	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.7	1.4	2.8	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.39	1.08	2.53	—	pCi/L	Y	—	J	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.89	0.516	1.5	—	pCi/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.805	0.63	2.4	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	36.6	3.8	3.7	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.65	1.08	2.7	—	pCi/L	Y	—	J	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61	—	—	0.453	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.2	—	—	0.35	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.8	—	—	0.35	mg/L	Y	—	NQ	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.6	—	—	0.35	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.3	—	—	0.35	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.49	—	—	0.086	µg/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.29	—	—	0.1	µg/L	Y	—	NQ	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	04/09/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.28	—	—	0.1	µg/L	Y	—	NQ	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.88	—	—	0.1	µg/L	Y	—	J	10-147	CAWA-09-13702	GELC
SWSC Spring	—	03/24/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.92	—	—	0.1	µg/L	Y	—	J+	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	434	—	—	30	µg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	229	—	—	30	µg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	755	—	—	30	µg/L	Y	*	J	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	133	—	—	30	µg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	104	—	—	25	µg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.98	—	—	0.11	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.15	—	—	0.085	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.17	—	—	0.085	mg/L	Y	—	NQ	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.54	—	—	0.085	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.44	—	—	0.085	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	19.7	—	—	2	µg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.79	—	—	2	µg/L	Y	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.94	—	—	2	µg/L	Y	J	J	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.01	—	—	2	µg/L	Y	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.286	—	—	0.086	µg/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.23	—	—	0.091	µg/L	Y	J	J	10-4541	CAWA-10-25722	STSL
SWSC Spring	—	04/09/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	1.4	—	—	0.091	µg/L	Y	—	NQ	10-2715	CAWA-10-14968	STSL
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.15	—	—	0.091	µg/L	Y	J	J	10-150	CAWA-09-13702	STSL
SWSC Spring	—	03/24/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.5	—	—	0.091	µg/L	Y	—	J	09-1276	CAWA-09-5527	STSL
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.713	—	—	0.165	µg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.731	—	—	0.1	µg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.668	—	—	0.1	µg/L	Y	—	U	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.784	—	—	0.1	µg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.595	—	—	0.1	µg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.185	2.94	10.1	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.815	2.5	8.7	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.51	13	41	—	pCi/L	Y	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-21.9	9.9	30	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-26.9	10.6	25.9	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.5	µg/L	Y	J	J	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.07	—	—	0.5	µg/L	Y	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.36	—	—	0.5	µg/L	Y	—	NQ	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.14	—	—	0.5	µg/L	Y	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.5	µg/L	Y	J	J	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	—	0.017	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.904	—	—	0.1	mg/L	Y	—	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	—	0.05	mg/L	Y	—	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	1.13	—	—	0.05	mg/L	Y	—	U	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.613	—	—	0.05	µg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.569	—	—	0.05	µg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.721	—	—	0.05	µg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.574	—	—	0.05	µg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.72	—	—	0.05	µg/L	Y	—	NQ	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00824	0.00714	0.0395	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00272	0.0027	0.03	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0024	0.04	—	pCi/L	Y	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00512	0.0038	0.026	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0121	0.00521	0.0276	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0124	0.00714	0.0374	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00543	0.0054	0.044	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00238	0.0034	0.039	—	pCi/L	Y	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0137	0.0054	0.029	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00173	0.00457	0.0326	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.16	—	—	0.05	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.19	—	—	0.05	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.67	—	—	0.05	mg/L	Y	—	NQ	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.13	—	—	0.05	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.22	—	—	0.05	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	35.2	17.1	47.4	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.93	19	65	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-37.1	18	54	—	pCi/L	Y	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.6	15	56	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.48	20.9	70.6	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	26.3	—	—	0.43	µg/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	22.5	—	—	0.52	µg/L	Y	—	NQ	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	04/09/10	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	60.5	—	—	1	µg/L	Y	—	NQ	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	10/15/09	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	56.7	—	—	1	µg/L	Y	—	J	10-147	CAWA-09-13702	GELC
SWSC Spring	—	03/24/09	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	43.4	—	—	0.65	µg/L	Y	—	J	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.1	—	—	0.053	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.2	—	—	0.053	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.8	—	—	0.053	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	41.7	—	—	0.032	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	40.8	—	—	0.032	mg/L	Y	—	NQ	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.5	—	—	0.1	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	24.1	—	—	0.1	mg/L	Y	—	NQ	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.7	—	—	0.1	mg/L	Y	E	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19	—	—	0.045	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.723	1.19	5.06	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.436	1.4	4.4	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.28	1.5	4.2	—	pCi/L	Y	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0339	1.4	4.4	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.472	1.28	4.06	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218	—	—	3.63	µS/cm	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µS/cm	Y	—	NQ	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	113	—	—	1	µg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	154	—	—	1	µg/L	Y	—	NQ	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	117	—	—	1	µg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	123	—	—	1	µg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00664	0.136	0.492	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.227	0.11	0.49	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0262	0.12	0.43	—	pCi/L	Y	U	U	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.128	0.084	0.37	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.342	0.153	0.482	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.85	—	—	0.133	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.49	—	—	0.1	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.33	—	—	0.1	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.33	—	—	0.1	mg/L	N	—	NQ	10-148	CAWA-09-13701	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.49	—	—	0.1	mg/L	Y	—	J-	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.7	—	—	0.1	mg/L	Y	—	NQ	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.39	—	—	0.3	µg/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	04/05/12	WS	UF	INIT	REG	VOC	EPA:624	Tetrachloroethene	127-18-4	Y	1.96	—	—	0.3	µg/L	Y	—	NQ	12-1195	CAWA-12-13358	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.48	—	—	0.3	µg/L	Y	—	J-	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	04/09/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.56	—	—	0.3	µg/L	Y	—	NQ	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.12	—	—	0.3	µg/L	Y	—	NQ	10-147	CAWA-09-13702	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.242	—	—	0.086	µg/L	Y	J	J	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	N	0.19	—	—	0.082	µg/L	Y	JP	U	10-4541	CAWA-10-25722	STSL
SWSC Spring	—	04/09/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	N	0.5	—	—	0.082	µg/L	Y	U	U	10-2715	CAWA-10-14968	STSL
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	N	0.14	—	—	0.082	µg/L	Y	JP	U	10-150	CAWA-09-13702	STSL
SWSC Spring	—	03/24/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	Y	0.43	—	—	0.082	µg/L	Y	J	J	09-1276	CAWA-09-5527	STSL
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	2.4	mg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	2.4	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	2.4	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	2.4	mg/L	Y	—	NQ	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	10-148	CAWA-09-13702	GELC
SWSC Spring	—	03/24/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.38	—	—	0.029	mg/L	Y	—	J+	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.327	—	—	0.029	mg/L	Y	—	J+	09-61	CAWA-08-15954	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.65	—	—	0.33	mg/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.1	—	—	0.33	mg/L	Y	—	NQ	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.24	—	—	0.33	mg/L	Y	—	NQ	10-148	CAWA-09-13702	GELC
SWSC Spring	—	03/24/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.56	—	—	0.33	mg/L	Y	—	NQ	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.05	—	—	0.33	mg/L	Y	—	NQ	09-61	CAWA-08-15954	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0406	—	—	0.017	mg/L	Y	J	J	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.065	—	—	0.015	mg/L	Y	—	U	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.093	—	—	0.015	mg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.086	—	—	0.024	mg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	10/08/08	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.083	—	—	0.024	mg/L	Y	—	U	09-61	CAWA-08-15953	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.07	—	—	0.3	µg/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	04/05/12	WS	UF	INIT	REG	VOC	EPA:624	Trichloroethene	79-01-6	Y	1.59	—	—	0.3	µg/L	Y	—	NQ	12-1195	CAWA-12-13358	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.34	—	—	0.25	µg/L	Y	—	J-	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	04/09/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.22	—	—	0.25	µg/L	Y	—	NQ	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.27	—	—	0.25	µg/L	Y	—	NQ	10-147	CAWA-09-13702	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.196	—	—	0.086	µg/L	Y	J	J	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.6	—	—	0.1	µg/L	Y	—	NQ	10-4542	CAWA-10-25722	GELC
SWSC Spring	—	04/09/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	1.31	—	—	0.1	µg/L	Y	—	NQ	10-2716	CAWA-10-14968	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.424	—	—	0.1	µg/L	Y	—	NQ	10-147	CAWA-09-13702	GELC
SWSC Spring	—	03/24/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	1.41	—	—	0.1	µg/L	Y	—	NQ	09-1277	CAWA-09-5527	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.234	—	—	0.067	µg/L	Y	—	NQ	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.311	—	—	0.05	µg/L	Y	—	NQ	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.261	—	—	0.05	µg/L	Y	—	U	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.414	—	—	0.05	µg/L	Y	—	NQ	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	09-1278	CAWA-09-5526	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.133	0.0268	0.108	—	pCi/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.194	0.031	0.086	—	pCi/L	Y	—	NQ	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.73	0.067	0.089	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.232	0.024	0.061	—	pCi/L	Y	—	NQ	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.359	0.0339	0.0446	—	pCi/L	Y	—	NQ	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0337	0.0126	0.0737	—	pCi/L	Y	U	U	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0278	0.012	0.044	—	pCi/L	Y	U	U	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.055	0.014	0.046	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13702	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0107	0.0064	0.032	—	pCi/L	Y	U	U	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0146	0.00604	0.0346	—	pCi/L	Y	U	U	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.147	0.0214	0.07	—	pCi/L	Y	—	NQ	2016-959	CAWA-16-110759	GELC
SWSC Spring	—	09/10/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.174	0.027	0.038	—	pCi/L	Y	—	NQ	10-4543	CAWA-10-25722	GELC
SWSC Spring	—	10/15/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.489	0.049	0.054	—	pCi/L	Y	—	NQ	10-149	CAWA-09-13702	GELC
SWSC Spring	—	10/08/08	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.142	0.018	0.034	—	pCi/L	Y	—	NQ	09-62	CAWA-08-15954	GELC
SWSC Spring	—	10/23/07	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.235	0.0258	0.039	—	pCi/L	Y	—	NQ	196376	GU07100SWSCS01	GELC
SWSC Spring	—	03/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.74	—	—	1	µg/L	Y	J	J	2016-959	CAWA-16-110790	GELC
SWSC Spring	—	09/10/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.91	—	—	1	µg/L	Y	J	J	10-4543	CAWA-10-25723	GELC
SWSC Spring	—	04/09/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.13	—	—	1	µg/L	Y	J	J	10-2717	CAWA-10-14969	GELC
SWSC Spring	—	10/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.01	—	—	1	µg/L	Y	J	J	10-148	CAWA-09-13701	GELC
SWSC Spring	—	03/24/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.69	—	—	1	µg/L	Y	J	J	09-1278	CAWA-09-5526	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	J-	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	—	0.01	SU	Y	H	J-	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	J-	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	J-	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.01	—	—	0.01	SU	Y	H	J-	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.12	—	—	0.01	SU	Y	H	J-	09-178	CAWA-08-15937	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48	—	—	0.725	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	0.725	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	34.1	—	—	0.73	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	34.1	—	—	0.73	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39.4	—	—	0.73	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39.4	—	—	0.73	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.2	—	—	0.73	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	—	0.73	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	120	—	—	68	µg/L	Y	J	J	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	81.7	—	—	68	µg/L	Y	J	J	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	3760	—	—	68	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	905	—	—	68	µg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	2020	—	—	68	µg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	510	—	—	68	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	405	—	—	68	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0056	0.0056	0.0334	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00127	0.0029	0.024	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00331	0.0036	0.025	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00592	0.0047	0.05	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0086	0.0051	0.034	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00696	0.0066	0.0278	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	100	—	—	1	µg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	227	—	—	1	µg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	171	—	—	1	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	96.1	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	96.3	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	133	—	—	1	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	131	—	—	1	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.03	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.03	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.21	1.3	5.02	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.17	1.5	4.6	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.504	1.2	3.7	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.69	1	3.1	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.32	1.2	3.8	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.64	1.1	3.82	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.8	—	—	0.134	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.2	—	—	0.134	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.8	—	—	0.13	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.9	—	—	0.13	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.9	—	—	0.066	mg/L	Y	—	J+	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.9	—	—	0.066	mg/L	Y	—	J+	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.5	—	—	0.066	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.4	—	—	0.066	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.764	1.34	5.34	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.46	1.9	6.4	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.352	1	3.5	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.365	0.86	2.7	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.749	1.3	4	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.434	1.3	4.45	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.126	—	—	0.033	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.136	—	—	0.033	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.176	—	—	0.033	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.172	—	—	0.033	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.74	0.894	2.82	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.38	1.3	2.3	—	pCi/L	Y	—	NQ	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.876	0.7	2.3	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.331	0.502	1.98	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.99	0.616	1.9	—	pCi/L	Y	—	NQ	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.72	1.4	2.7	—	pCi/L	Y	—	NQ	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.6	1	2.2	—	pCi/L	Y	—	NQ	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.86	0.492	1.27	—	pCi/L	Y	—	J	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.7	—	—	0.453	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.8	—	—	0.45	mg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.2	—	—	0.35	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.5	—	—	0.35	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.2	—	—	0.35	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.8	—	—	0.35	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.104	—	—	0.0833	µg/L	Y	J	J	2016-929	CAWA-16-110760	GELC
Water at Beta	—	12/21/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.305	—	—	0.0847	µg/L	Y	—	NQ	2016-556	CAWA-16-106939	GELC
Water at Beta	—	04/13/11	WS	UF	RE	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.398	—	—	0.1	µg/L	Y	—	J	11-2053	CAWA-11-5398	GELC
Water at Beta	—	04/13/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.388	—	—	0.1	µg/L	N	B	U	11-2053	CAWA-11-5398	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.114	—	—	0.1	µg/L	Y	J	J	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.111	—	—	0.1	µg/L	Y	J	J	10-2656	CAWA-10-14946	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.753	—	—	0.1	µg/L	Y	—	J	09-1404	CAWA-09-5516	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.781	—	—	0.1	µg/L	Y	—	J	09-1404	CAWA-09-5517	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	91.8	—	—	30	µg/L	Y	J	J	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	34.2	—	—	30	µg/L	Y	J	J	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	2030	—	—	30	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	437	—	—	30	µg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	963	—	—	30	µg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	207	—	—	25	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	278	—	—	25	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.55	—	—	0.11	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.02	—	—	0.11	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.74	—	—	0.11	mg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.03	—	—	0.085	mg/L	Y	E	J	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.03	—	—	0.085	mg/L	Y	E	J	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.37	—	—	0.085	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.3	—	—	0.085	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	16	—	—	2	µg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	9.96	—	—	2	µg/L	Y	J	J	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	6.16	—	—	2	µg/L	Y	J	J	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.4	—	—	2	µg/L	Y	J	J	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.33	—	—	2	µg/L	Y	J	J	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.54	—	—	2	µg/L	Y	J	J	09-1405	CAWA-09-5519	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.165	µg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.165	µg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.17	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.611	—	—	0.1	µg/L	Y	—	U	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.518	—	—	0.1	µg/L	Y	—	U	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.1	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.1	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.107	2.42	8.53	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-14.1	12	35	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	17.3	9.1	32	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-7.39	6.5	21	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.71	11	33	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	10.4	12.3	29.1	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.641	—	—	0.5	µg/L	Y	J	J	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.34	—	—	0.5	µg/L	Y	J	J	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.05	—	—	0.5	µg/L	Y	J	J	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.632	—	—	0.5	µg/L	Y	J	J	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.562	—	—	0.5	µg/L	Y	J	J	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	09-1405	CAWA-09-5513	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0411	—	—	0.017	mg/L	Y	J	J	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0428	—	—	0.017	mg/L	Y	J	J	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.01	mg/L	Y	U	U	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.25	—	—	0.05	mg/L	Y	U	U	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.054	—	—	0.05	mg/L	Y	J	U	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.056	—	—	0.05	mg/L	Y	J	U	09-178	CAWA-08-15934	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.128	—	—	0.05	µg/L	Y	J	J	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.275	—	—	0.05	µg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	—	0.05	µg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.103	—	—	0.05	µg/L	Y	J	J	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0989	—	—	0.05	µg/L	Y	J	J	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	09-178	CAWA-08-15937	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0115	0.00935	0.0302	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0204	0.011	0.039	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00998	0.0053	0.035	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00242	0.0064	0.035	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0024	0.025	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00214	0.00829	0.0373	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.021	0.00992	0.0278	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00226	0.0068	0.027	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0049	0.024	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0017	0.0045	0.029	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00242	0.0064	0.041	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00214	0.00566	0.0351	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.39	—	—	0.05	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.56	—	—	0.05	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.33	—	—	0.05	mg/L	Y	—	J	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.29	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.39	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.03	—	—	0.05	mg/L	Y	E	J	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.08	—	—	0.05	mg/L	Y	E	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-34.2	18.1	61.9	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.62	25	73	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-9.68	17	58	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-2.24	16	59	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	31.4	14	30	—	pCi/L	Y	UI	R	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.5	18.1	59.9	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	33.4	—	—	0.053	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	37.5	—	—	0.053	mg/L	Y	N	J-	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	38.4	—	—	0.053	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	44.3	—	—	0.053	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	36.6	—	—	0.032	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	35.8	—	—	0.032	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	44.1	—	—	0.032	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	43.6	—	—	0.032	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.78	—	—	0.1	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.045	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.045	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.47	1.25	6.14	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.463	1.6	5.3	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.39	1.2	4.4	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.32	1.3	3.9	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.904	1.1	3.4	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.26	1.12	3.13	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	3.63	µS/cm	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µS/cm	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.6	—	—	1	µg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	113	—	—	1	µg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.5	—	—	1	µg/L	Y	—	NQ	11-2053	CAWA-11-5399	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	83.2	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	83.2	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	68.9	—	—	1	µg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.4	—	—	1	µg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.198	0.147	0.492	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.13	0.42	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.205	0.13	0.44	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.189	0.15	0.5	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.273	0.15	0.49	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0456	0.0792	0.273	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	08/17/00	WS	UF	INIT	REG	RAD	Generic:GFPC	Strontium-90	Sr-90	Y	0.91	0.31	0.39	—	pCi/L	Y	—	—	008159.	PC00081WBCW	PARA
Water at Beta	—	03/18/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.9	—	—	0.133	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.35	—	—	0.133	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.72	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.73	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.24	—	—	0.1	mg/L	Y	—	NQ	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.22	—	—	0.1	mg/L	Y	—	NQ	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.64	—	—	0.1	mg/L	Y	—	NQ	09-178	CAWA-08-15937	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.64	—	—	0.1	mg/L	Y	—	NQ	09-178	CAWA-08-15934	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	2.4	mg/L	Y	—	NQ	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	2.4	mg/L	Y	—	NQ	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	112	—	—	2.4	mg/L	Y	—	J	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	2.4	mg/L	Y	—	J	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	2.4	mg/L	Y	—	J	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	2.4	mg/L	Y	—	J	09-178	CAWA-08-15937	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.27	—	—	0.033	mg/L	Y	—	J	2016-929	CAWA-16-110760	GELC
Water at Beta	—	12/21/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.114	—	—	0.033	mg/L	Y	—	NQ	2016-556	CAWA-16-106939	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-2657	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.169	—	—	0.033	mg/L	Y	—	U	10-2657	CAWA-10-14946	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.092	—	—	0.033	mg/L	Y	J	U	09-1404	CAWA-09-5516	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.311	—	—	0.033	mg/L	Y	—	J	09-1404	CAWA-09-5517	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	U	09-177	CAWA-08-15936	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.153	—	—	0.029	mg/L	Y	—	NQ	09-177	CAWA-08-15939	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.43	—	—	0.33	mg/L	Y	—	NQ	2016-929	CAWA-16-110760	GELC
Water at Beta	—	12/21/15	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.16	—	—	0.33	mg/L	Y	—	NQ	2016-556	CAWA-16-106939	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.62	—	—	0.33	mg/L	Y	—	NQ	10-2657	CAWA-10-14946	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.96	—	—	0.33	mg/L	Y	—	NQ	10-2657	CAWA-10-14944	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.82	—	—	0.33	mg/L	Y	—	NQ	09-1404	CAWA-09-5516	GELC
Water at Beta	—	04/07/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.86	—	—	0.33	mg/L	Y	—	NQ	09-1404	CAWA-09-5517	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.17	—	—	0.33	mg/L	Y	—	NQ	09-177	CAWA-08-15936	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.33	—	—	0.33	mg/L	Y	—	NQ	09-177	CAWA-08-15939	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0543	—	—	0.017	mg/L	Y	—	NQ	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0788	—	—	0.017	mg/L	Y	—	U	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.051	—	—	0.015	mg/L	Y	—	U	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.056	—	—	0.015	mg/L	Y	—	U	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.077	—	—	0.015	mg/L	Y	—	U	09-1405	CAWA-09-5519	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.062	—	—	0.015	mg/L	Y	—	U	09-1405	CAWA-09-5513	GELC
Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.107	—	—	0.024	mg/L	Y	—	U	09-178	CAWA-08-15934	GELC
Water at Beta	—	10/24/08	WS	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.085	—	—	0.024	mg/L	Y	—	U	09-178	CAWA-08-15937	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0379	0.0137	0.147	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0493	0.013	0.054	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0676	0.016	0.054	—	pCi/L	Y	—	NQ	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0702	0.029	0.27	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0314	0.019	0.16	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0229	0.00979	0.0658	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0156	0.0111	0.0946	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00377	0.0065	0.043	—	pCi/L	Y	U	U	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00377	0.0065	0.043	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0193	0.024	0.14	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0079	0.083	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00283	0.0049	0.0391	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.018	0.0112	0.0944	—	pCi/L	Y	U	U	2016-929	CAWA-16-110760	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0427	0.013	0.038	—	pCi/L	Y	—	NQ	10-2656	CAWA-10-14944	GELC
Water at Beta	—	04/01/10	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0336	0.01	0.038	—	pCi/L	Y	U	U	10-2656	CAWA-10-14946	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0234	0.03	0.14	—	pCi/L	Y	U	U	09-179	CAWA-08-15939	GELC
Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0	0.013	0.083	—	pCi/L	Y	U	U	09-179	CAWA-08-15936	GELC
Water at Beta	—	10/26/07	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0229	0.00924	0.0439	—	pCi/L	Y	U	U	196598	GU071000PWAB01	GELC
Water at Beta	—	03/18/16	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.68	—	—	1	µg/L	Y	J	J	2016-929	CAWA-16-110791	GELC
Water at Beta	—	12/21/15	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2016-556	CAWA-16-106958	GELC
Water at Beta	—	04/13/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.54	—	—	1	µg/L	Y	J	J	11-2053	CAWA-11-5399	GELC
Water at Beta	—	04/01/10	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.8	—	—	1	µg/L	Y	J	J	10-2657	CAWA-10-14947	GELC
Water at Beta	—	04/01/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.06	—	—	1	µg/L	Y	J	J	10-2657	CAWA-10-14943	GELC
Water at Beta	—	04/07/09	WS	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.61	—	—	1	µg/L	Y	J	J	09-1405	CAWA-09-5513	GELC
Water at Beta	—	04/07/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.62	—	—	1	µg/L	Y	J	J	09-1405	CAWA-09-5519	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	12/12/15	Inorganic	Barium	Ba	F[a]	INIT[b]	REG[c]	Y[d]	2620	1	µg/L	1	—[e]	NQ[f]	NQ	Y	SW-846:6010C	GELC[g]	1000	NM GW STD[h]	2.62
Alluvial	CDV-16-02656	3	03/25/16	Inorganic	Barium	Ba	F	INIT	REG	Y	2460	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	2.46
Alluvial	CDV-16-02659	1.7	12/16/15	Inorganic	Barium	Ba	F	INIT	REG	Y	4660	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	4.66
Alluvial	CDV-16-02659	1.7	03/14/16	Inorganic	Barium	Ba	F	INIT	REG	Y	5660	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	5.66
Alluvial	CDV-16-611923	3.2	03/28/16	Inorganic	Barium	Ba	F	INIT	FD[i]	Y	7110	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	7.11
Alluvial	CDV-16-611923	3.2	12/11/15	Inorganic	Barium	Ba	F	INIT	REG	Y	9090	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	9.09
Alluvial	CDV-16-611923	3.2	03/28/16	Inorganic	Barium	Ba	F	INIT	REG	Y	7070	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	7.07
Alluvial	CDV-16-611923	3.2	03/28/16	Inorganic	Iron	Fe	F	INIT	FD	Y	614	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.61
Alluvial	CDV-16-611923	3.2	03/28/16	Inorganic	Iron	Fe	F	INIT	REG	Y	669	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.67
Alluvial	CDV-16-611923	3.2	12/11/15	Inorganic	Iron	Fe	F	INIT	REG	Y	1020	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	1.02
Alluvial	CDV-16-611923	3.2	03/28/16	Inorganic	Manganese	Mn	F	INIT	FD	Y	178	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	0.89
Alluvial	CDV-16-611923	3.2	03/28/16	Inorganic	Manganese	Mn	F	INIT	REG	Y	179	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	0.90
Alluvial	CDV-16-611923	3.2	12/11/15	Inorganic	Manganese	Mn	F	INIT	REG	Y	313	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	1.57
Alluvial	MSC-16-06293	2.0	03/16/16	Inorganic	Boron	B	F	INIT	REG	Y	991	15	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	750	NM GW STD	1.32
Alluvial	MSC-16-06293	2.0	12/11/15	Inorganic	Boron	B	F	INIT	REG	Y	1310	15	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	750	NM GW STD	1.75
Alluvial	MSC-16-06293	2.0	12/11/15	Inorganic	Iron	Fe	F	INIT	REG	Y	532	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.53
Alluvial	MSC-16-06294	2.5	03/16/16	Inorganic	Aluminum	Al	F	INIT	REG	Y	3070	68	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	5000	NM GW STD	0.61
Alluvial	MSC-16-06294	2.5	03/16/16	Inorganic	Iron	Fe	F	INIT	REG	Y	1660	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	1.66
Alluvial	MSC-16-06294	2.5	12/10/15	Inorganic	Iron	Fe	F	INIT	REG	Y	740	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.74
Alluvial	MSC-16-06294	2.5	12/10/15	Inorganic	Manganese	Mn	F	INIT	REG	Y	118	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	0.59
Intermediate	16-26644	130	03/15/16	Inorganic	Iron	Fe	F	INIT	REG	Y	505	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.51
Intermediate	16-26644	130	03/15/16	LCMS/MS[j] High Explosives	RDX[k]	121-82-4	UF[l]	DL[m]	REG	Y	22.9	0.408	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL[n]	3.27
Intermediate	CdV-16-1(i)	624	03/24/16	SVOC[o]	Bis(2-ethylhexyl)phthalate	117-81-7	UF	INIT	REG	Y	3	1.5	µg/L	1	J[p]	J[q]	J_LAB[r]	Y	SW-846:8270D	GELC	6	EPA MCL[s]	0.50
Intermediate	CdV-16-1(i)	624	11/13/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	28.1	0.408	µg/L	10	—	J	HE12e[t]	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	4.01
Intermediate	CdV-16-1(i)	624	03/24/16	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	26.2	0.428	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	3.74
Intermediate	CdV-16-2(i)r	850	12/07/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	128	4.12	µg/L	100	—	J+[u]	HE12f[v]	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	18.29
Intermediate	CdV-16-2(i)r	850	03/30/16	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	103	4.17	µg/L	100	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	14.71
Intermediate	CDV-16-4ip S1	815.6	12/07/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	FD	Y	152	4.28	µg/L	100	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	21.71
Intermediate	CDV-16-4ip S1	815.6	03/14/16	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	134	2.08	µg/L	50	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	19.14

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	CDV-16-4ip S1	815.6	12/07/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	135	4.21	µg/L	100	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	19.29
Intermediate	R-25b	750	03/16/16	Inorganic	Arsenic	As	F	INIT	REG	Y	5.3	1.7	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	10	EPA MCL	0.53
Intermediate	R-25b	750	03/16/16	Inorganic	Iron	Fe	F	INIT	REG	Y	600	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.60
Intermediate	R-25b	750	03/16/16	General Chemistry	Total Dissolved Solids	TDS	F	INIT	REG	Y	1880	3.4	µg/L	1	—	NQ	NQ	Y	EPA:160.1	GELC	1000	NM GW STD	1.88
Intermediate	R-26 PZ-2	150	12/03/15	Inorganic	Cobalt	Co	F	INIT	REG	Y	95	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	50	NM GW STD	1.90
Intermediate	R-26 PZ-2	150	03/24/16	Inorganic	Iron	Fe	F	INIT	REG	Y	731	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.73
Intermediate	R-26 PZ-2	150	12/03/15	Inorganic	Iron	Fe	F	INIT	REG	Y	3150	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	3.15
Intermediate	R-26 PZ-2	150	03/24/16	Inorganic	Manganese	Mn	F	INIT	REG	Y	266	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	1.33
Intermediate	R-26 PZ-2	150	12/03/15	Inorganic	Manganese	Mn	F	INIT	REG	Y	1380	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	6.90
Intermediate Perched	CDV-9-1(i) S1	937.4	03/17/16	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	FD	Y	24.2	0.432	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	3.46
Intermediate Perched	CDV-9-1(i) S1	937.4	03/17/16	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	25.4	0.412	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	3.63
Intermediate Spring	Burning Ground Spring	—	12/12/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	10.8	0.213	µg/L	5	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	1.54
Intermediate Spring	Burning Ground Spring	—	03/25/16	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	14.6	0.214	µg/L	5	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	2.09
Intermediate Spring	Martin Spring	—	03/28/16	SVOC	Benzo(a)anthracene	56-55-3	UF	INIT	REG	Y	0.186	0.155	µg/L	1	J	J	J_LAB	Y	SW-846:8270D	GELC	0.12	EPA TAP SCRN LVL	1.55
Intermediate Spring	Martin Spring	—	03/28/16	SVOC	Benzo(b)fluoranthene	205-99-2	UF	INIT	REG	Y	0.216	0.155	µg/L	1	J	J	J_LAB	Y	SW-846:8270D	GELC	0.34	EPA TAP SCRN LVL	0.64
Intermediate Spring	Martin Spring	—	12/01/15	Inorganic	Boron	B	F	INIT	REG	Y	936	15	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	750	NM GW STD	1.25
Intermediate Spring	Martin Spring	—	03/28/16	Inorganic	Boron	B	F	INIT	REG	Y	876	15	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	750	NM GW STD	1.17
Intermediate Spring	Martin Spring	—	12/01/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	65.8	2.21	µg/L	50	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	9.40
Intermediate Spring	Martin Spring	—	03/28/16	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	71.7	4.21	µg/L	100	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	10.24
Intermediate Spring	SWSC Spring	—	03/25/16	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	26.3	0.43	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP SCRN LVL	3.76

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
Regional	R-47	1322	03/21/16	SVOC	Nitrosodimethylamine[N-]	62-75-9	UF	INIT	REG	Y	1.57	1.5	µg/L	1	J	J	J_LAB	Y	SW-846:8270D	GELC	0.0011	EPA TAP SCRN LVL	1427.27
Base Flow	Between E252 and Water at Beta	—	03/29/16	Inorganic	Aluminum	Al	F	INIT	REG	Y	384	68	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	530	NM Aqu chronic 50 mg/L hardness[w]	0.72
Base Flow	Canon de Valle below MDA P	—	03/28/16	SVOC	Benzo(k)fluoranthene	207-08-9	UF	INIT	REG	Y	0.211	0.167	µg/L	1	J	J	J_LAB	Y	SW-846:8270D	GELC	0.18	NM HH OO[x]	1.17

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

[i] FD = Field duplicate.

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

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

[l] UF = Unfiltered.

[m] DL = Dilution.

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

[o] SVOC = Semivolatile organic compound.

[p] In this column, J = The associated numerical value is an estimated quantity.

[q] In this column, J = The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.

[r] J_LAB = The analytical laboratory qualified the detected result as estimated (J) because the result was less than the practical quantitation limit but greater than the method detection limit.

[s] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.

[t] HE12e = The matrix spike/matrix spike duplicate percent recovery was >10% but <70%.

[u] 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.

[v] HE12f = If the matrix spike/matrix spike duplicate percent recovery was >130%, qualify all associated detects as J+.

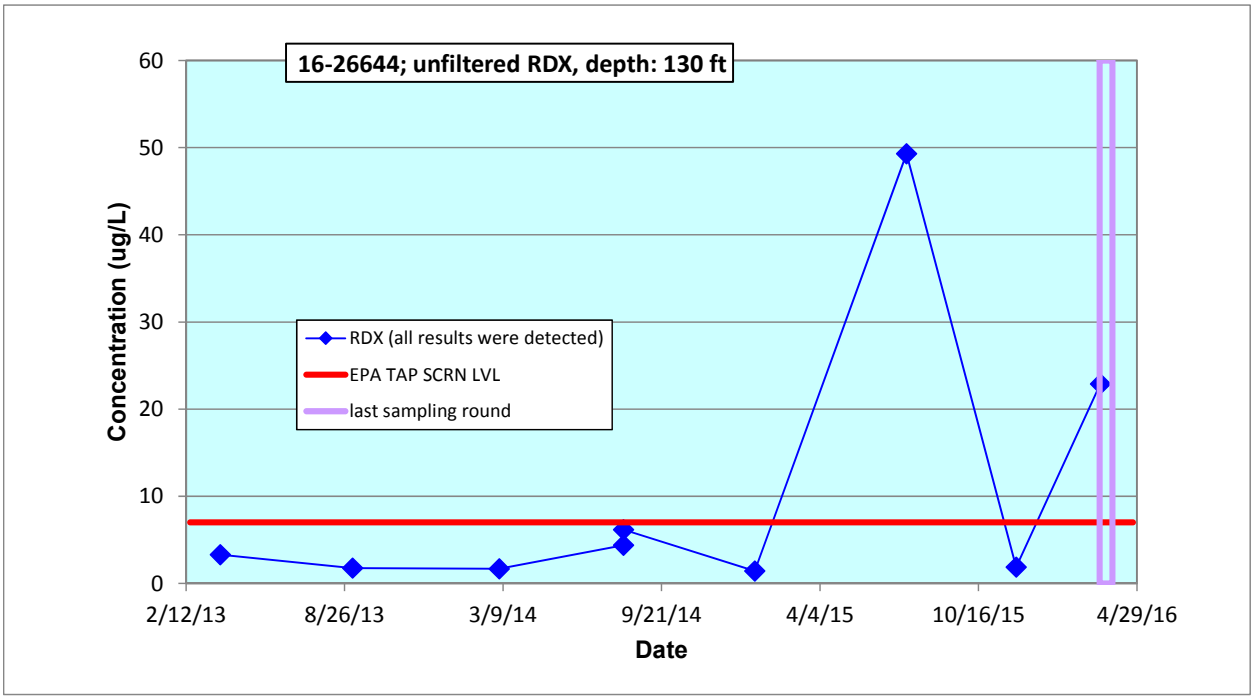
[w] NM Aqu chronic 50 mg/L hardness = New Mexico Water Quality Control Commission aquatic life standards chronic, at 50-mg/L hardness.

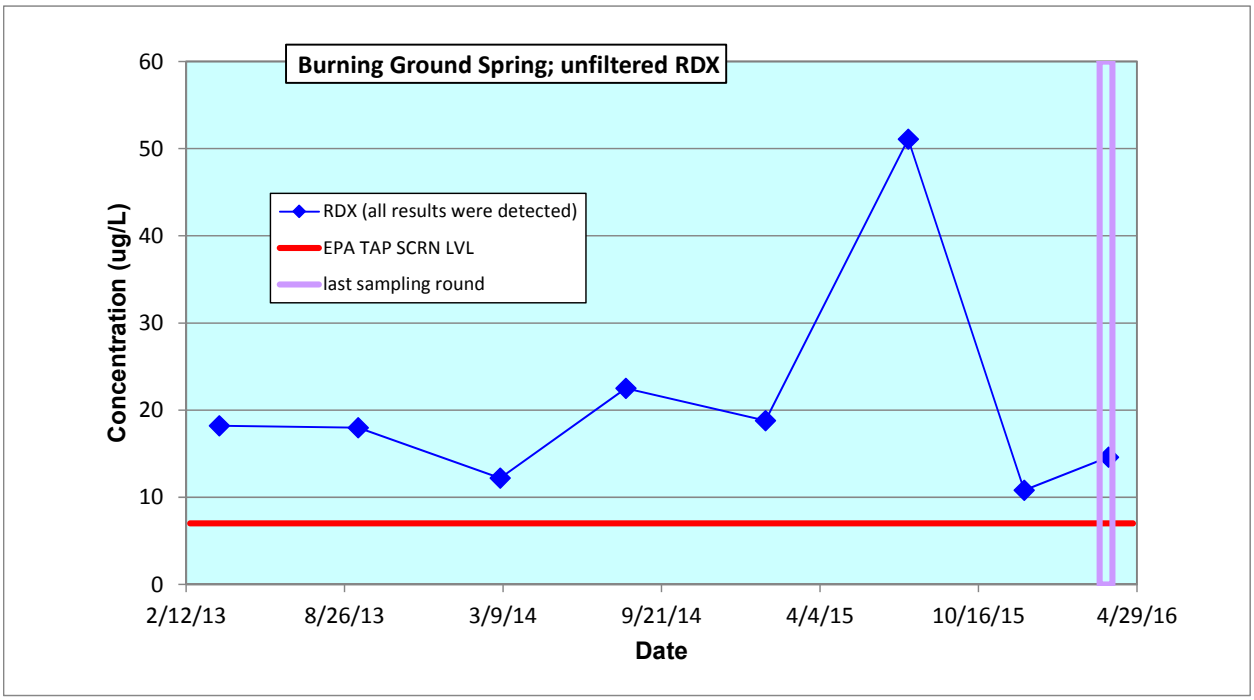
[x] NM HH OO = Human health organism only, New Mexico surface-water standards.

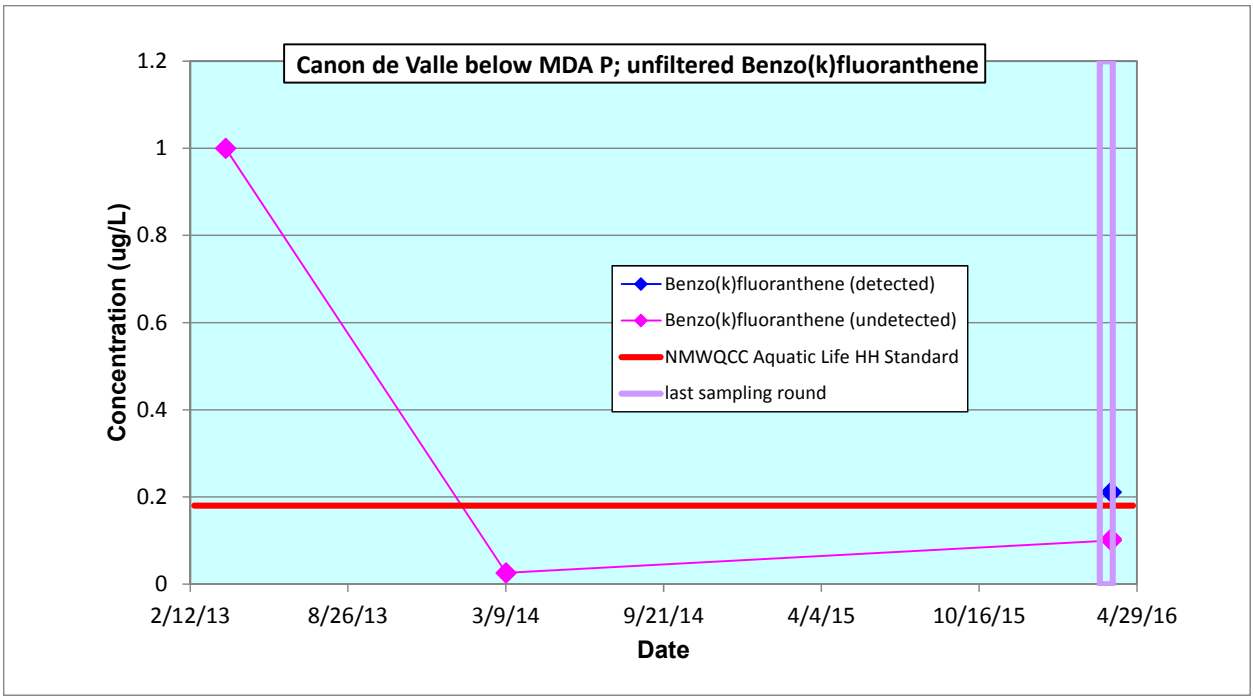
Appendix E

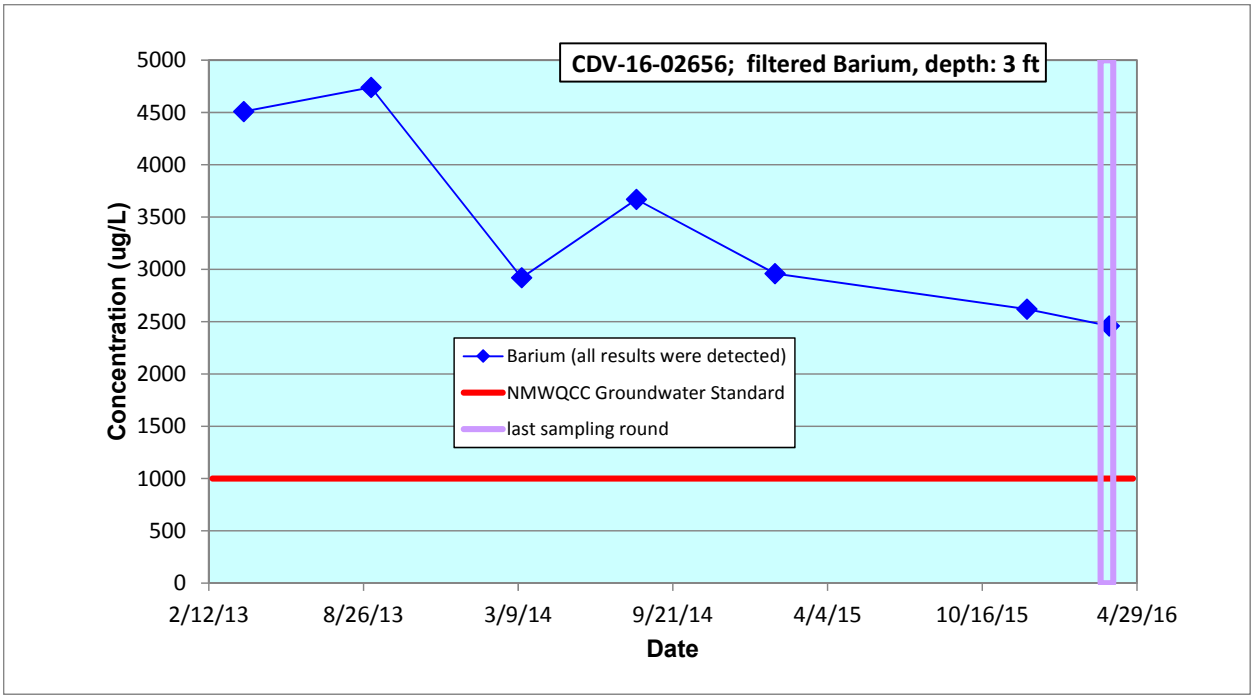
Analytical Chemistry Graphs of Screening-Level Exceedances

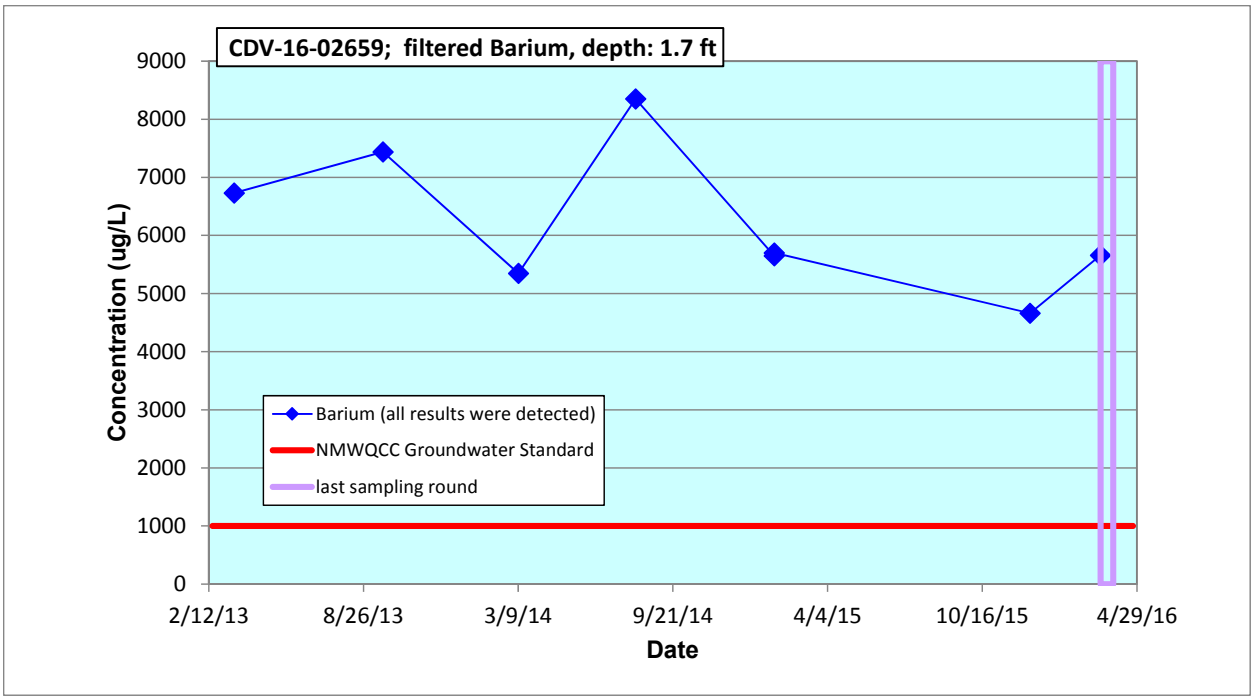
Note: The depths in the concentration plots are screen top depths (see Table 2.0-1).

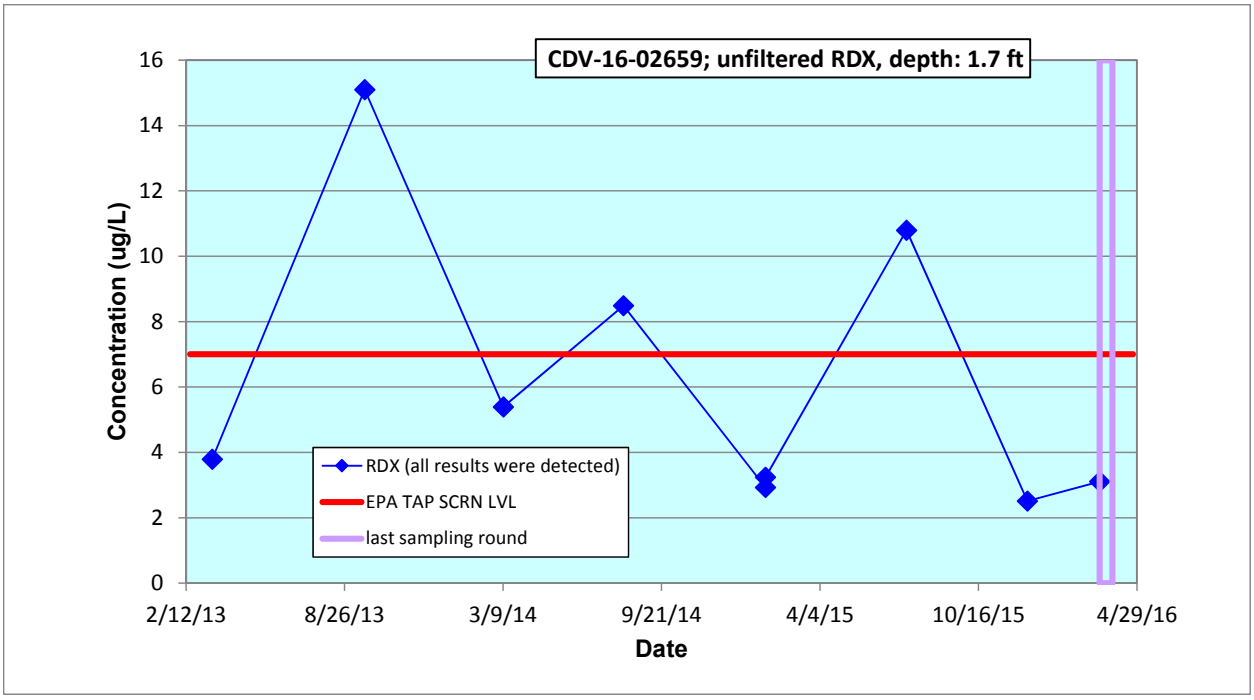


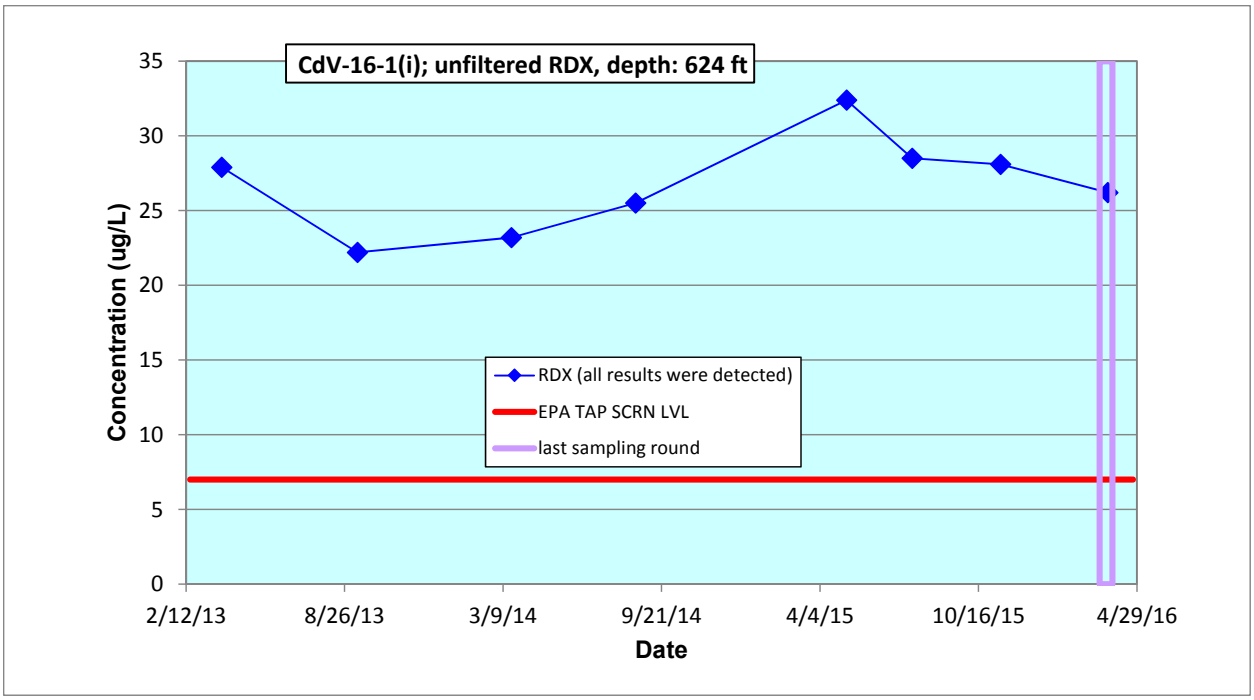


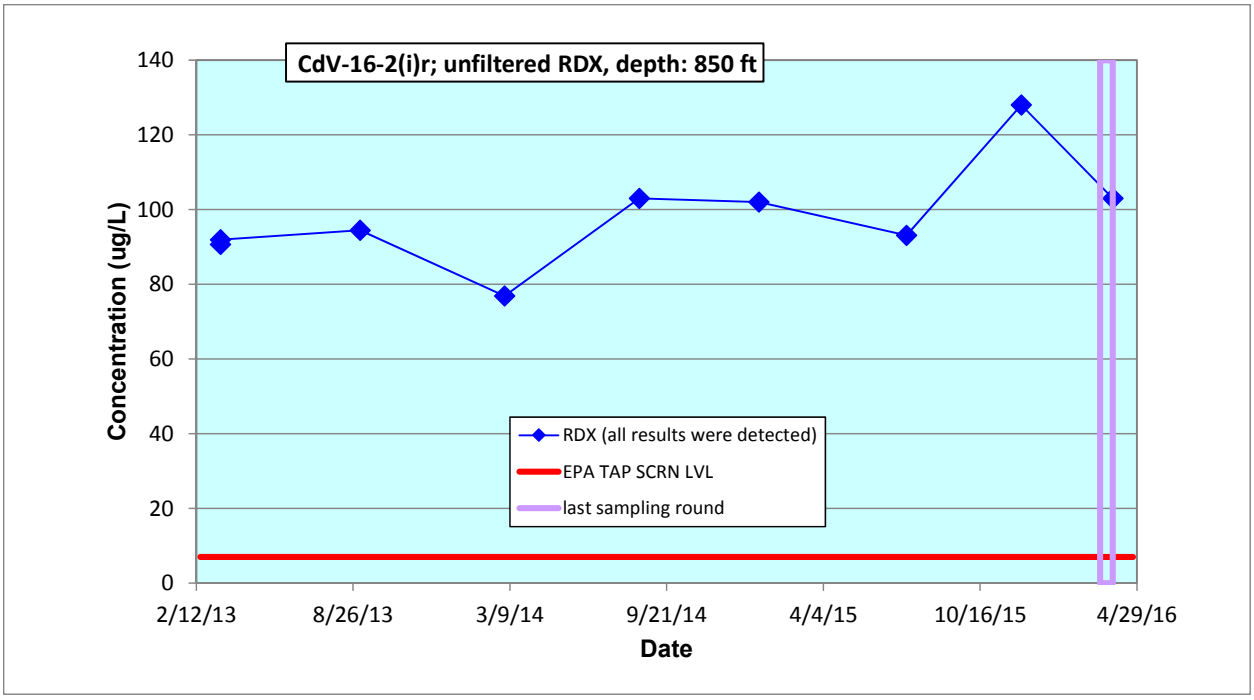

Canon de Valle below MDA P; unfiltered Benzo(k)fluoranthene
Concentration (ug/L)
1.2
1
0.8
0.6
0.4
0.2
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Benzo(k)fluoranthene (detected)
Benzo(k)fluoranthene (undetected)
NMWQCC Aquatic Life HH Standard
last sampling round

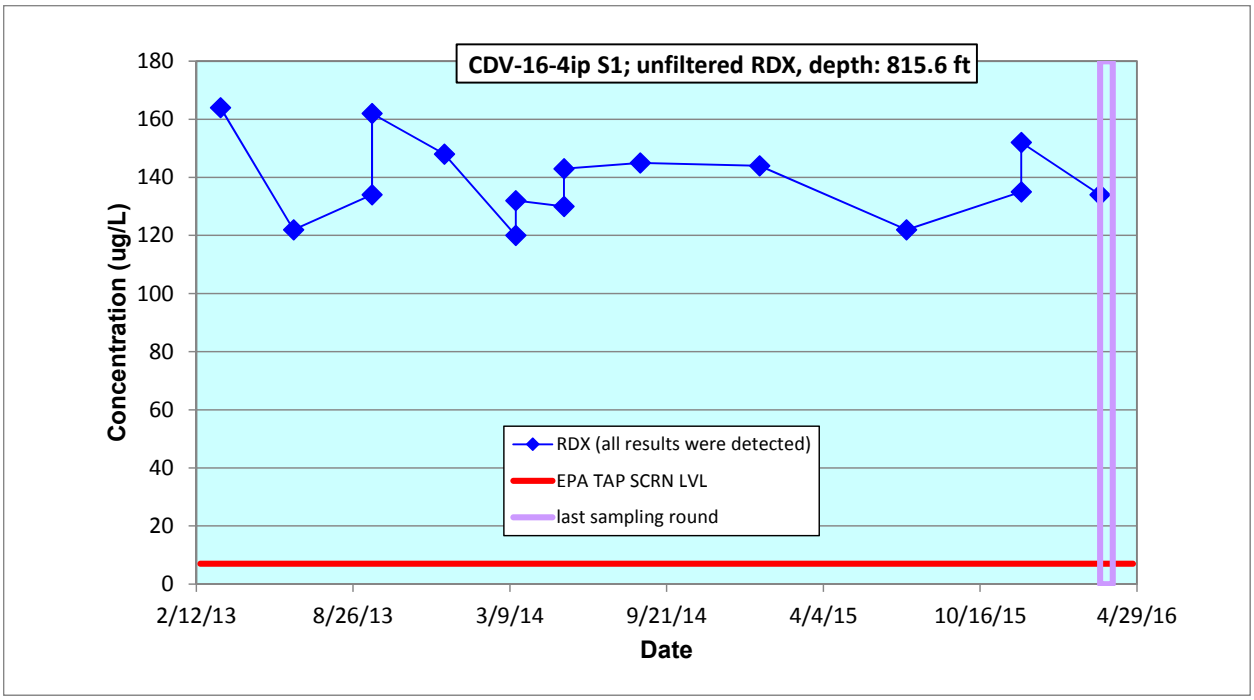

CDV-16-02656; filtered Barium, depth: 3 ft
Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Barium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

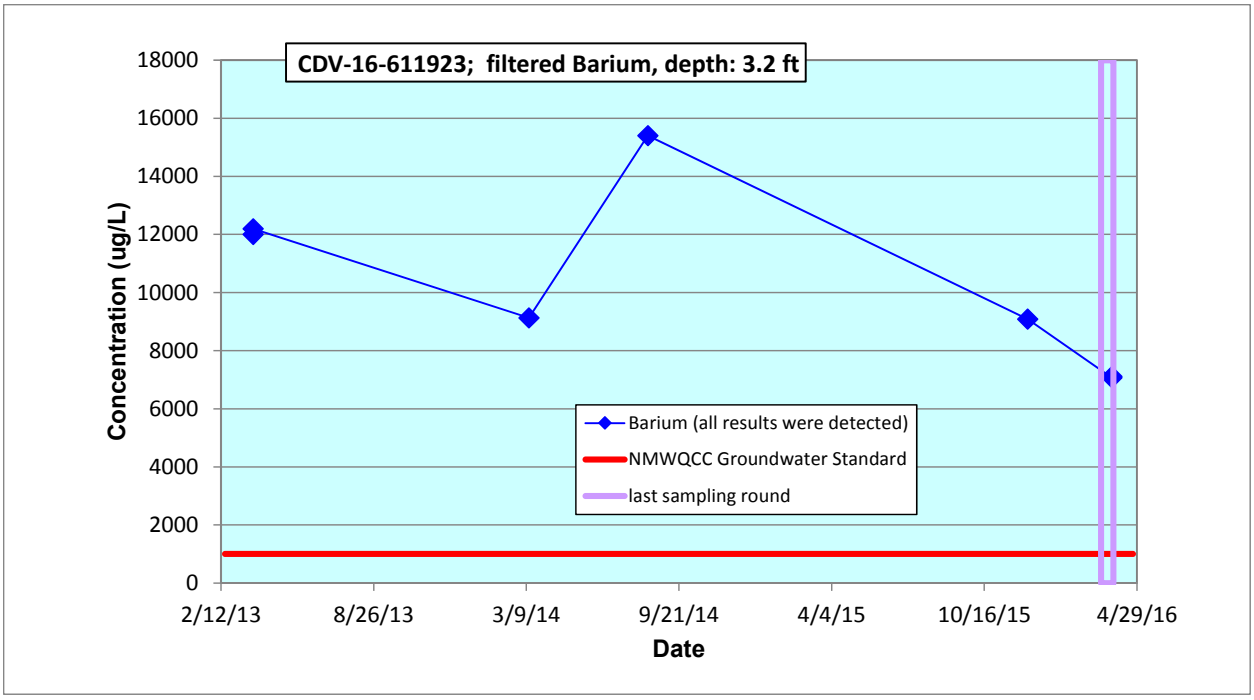

CDV-16-02659; filtered Barium, depth: 1.7 ft
Concentration (ug/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Barium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

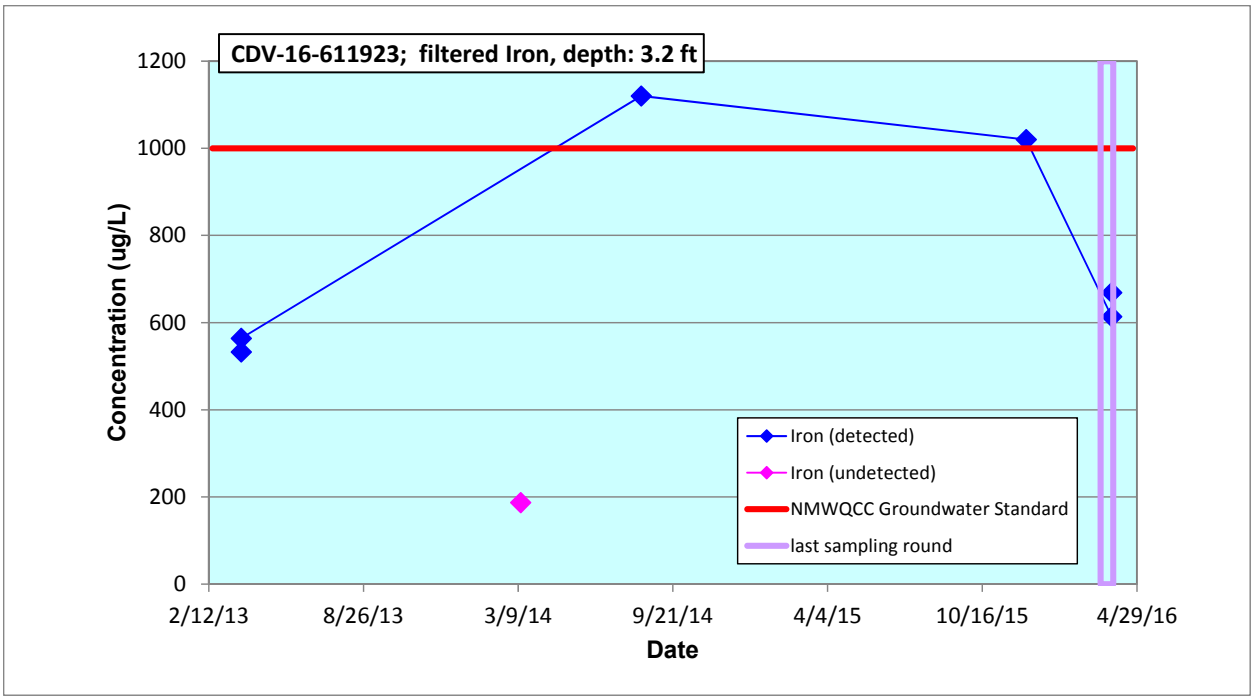

CDV-16-02659; unfiltered RDX, depth: 1.7 ft
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

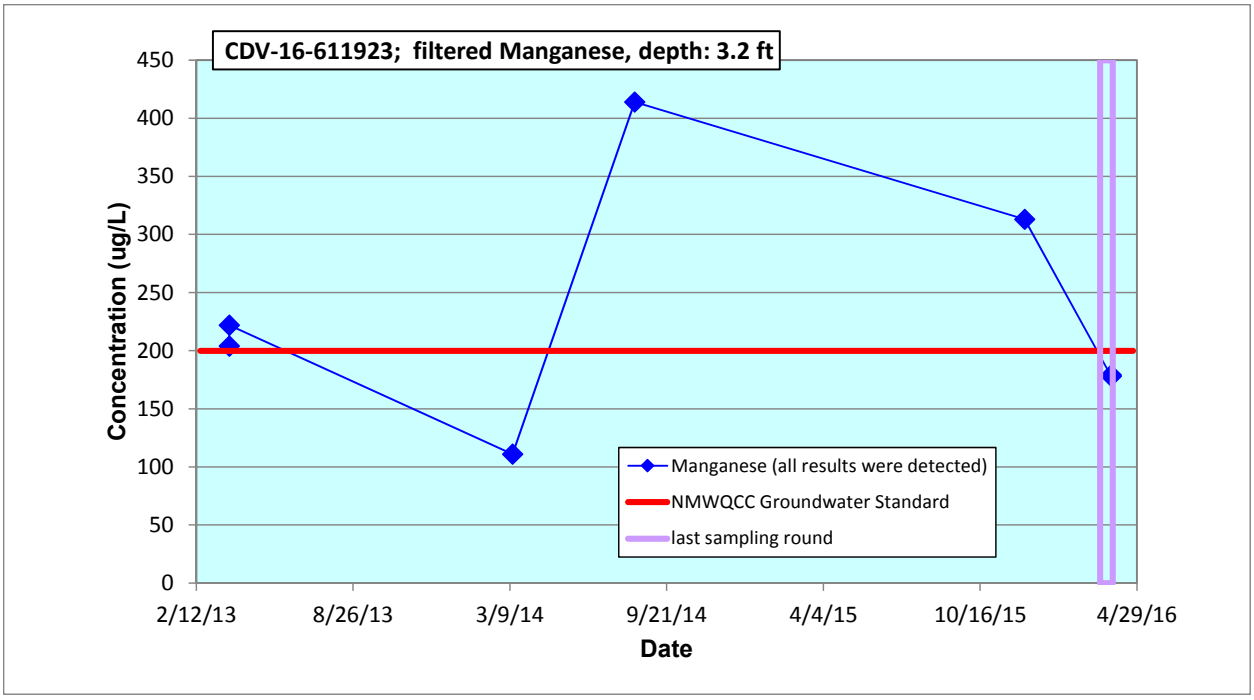

CdV-16-1(i); unfiltered RDX, depth: 624 ft
Concentration (ug/L)
35
30
25
20
15
10
5
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

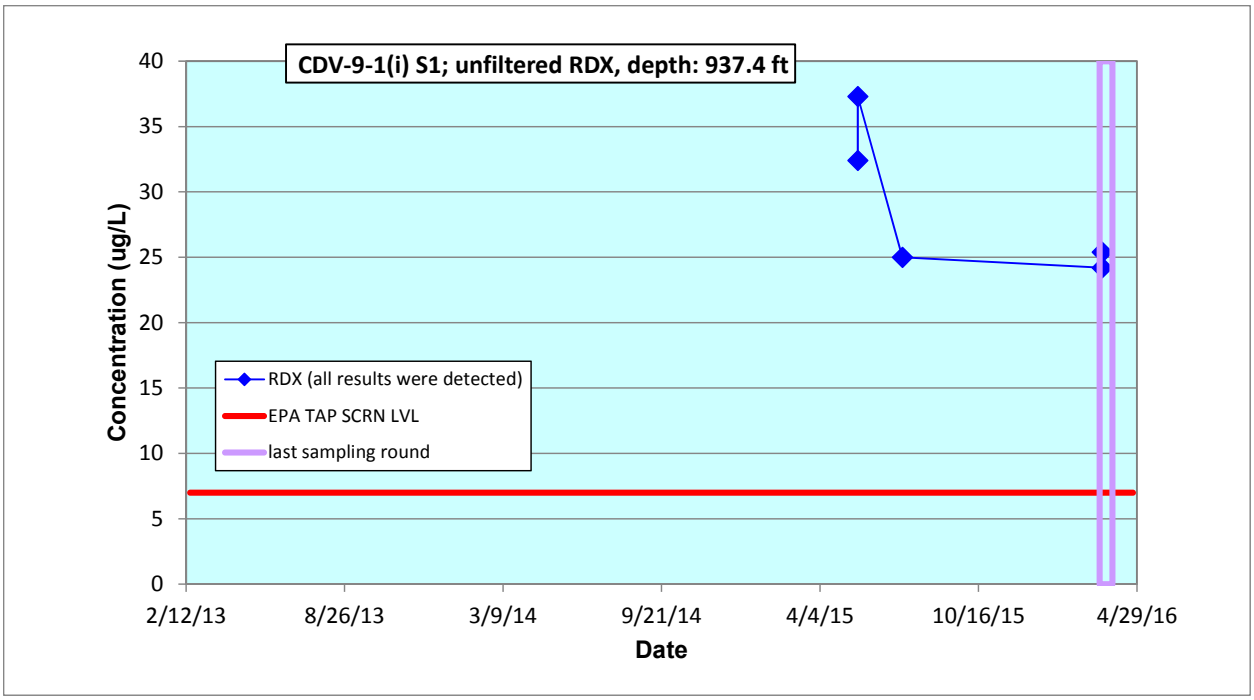

CdV-16-2(i)r; unfiltered RDX, depth: 850 ft
Concentration (ug/L)
140
120
100
80
60
40
20
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

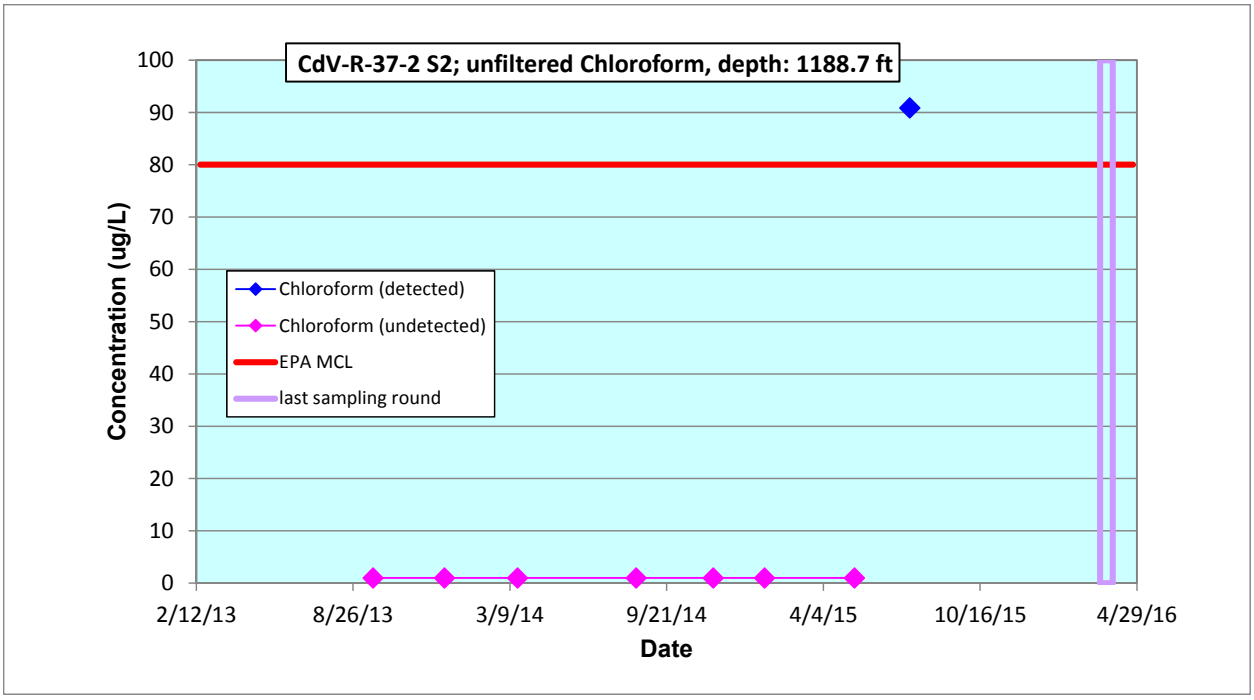

CDV-16-4ip S1; unfiltered RDX, depth: 815.6 ft
Concentration (ug/L)
180
160
140
120
100
80
60
40
20
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

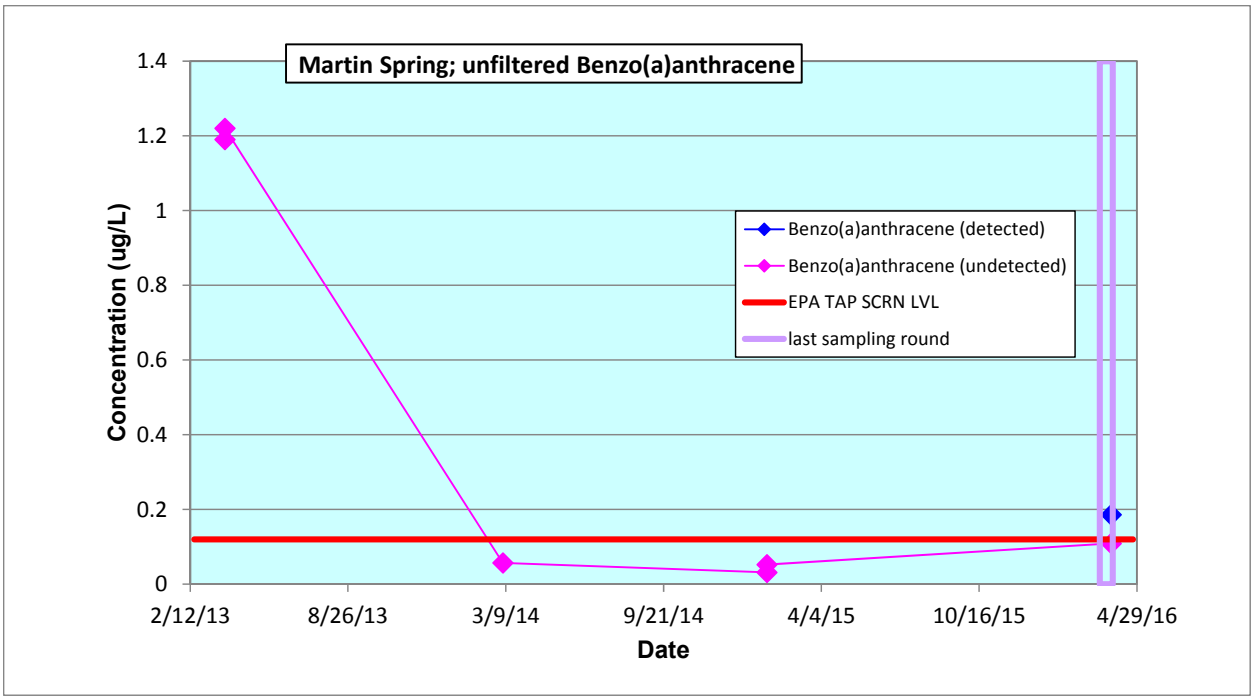

CDV-16-611923; filtered Barium, depth: 3.2 ft
Concentration (ug/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Barium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

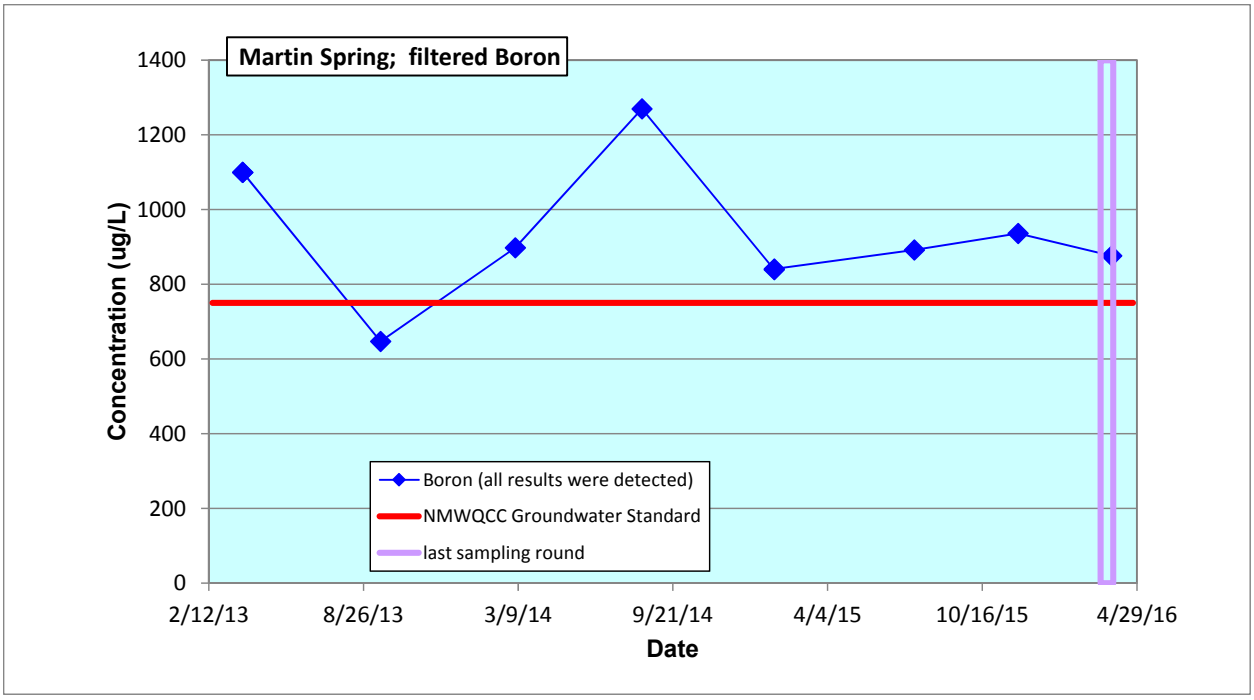

CDV-16-611923; filtered Iron, depth: 3.2 ft
Concentration (ug/L)
1200
1000
800
600
400
200
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Iron (detected)
Iron (undetected)
NMWQCC Groundwater Standard
last sampling round

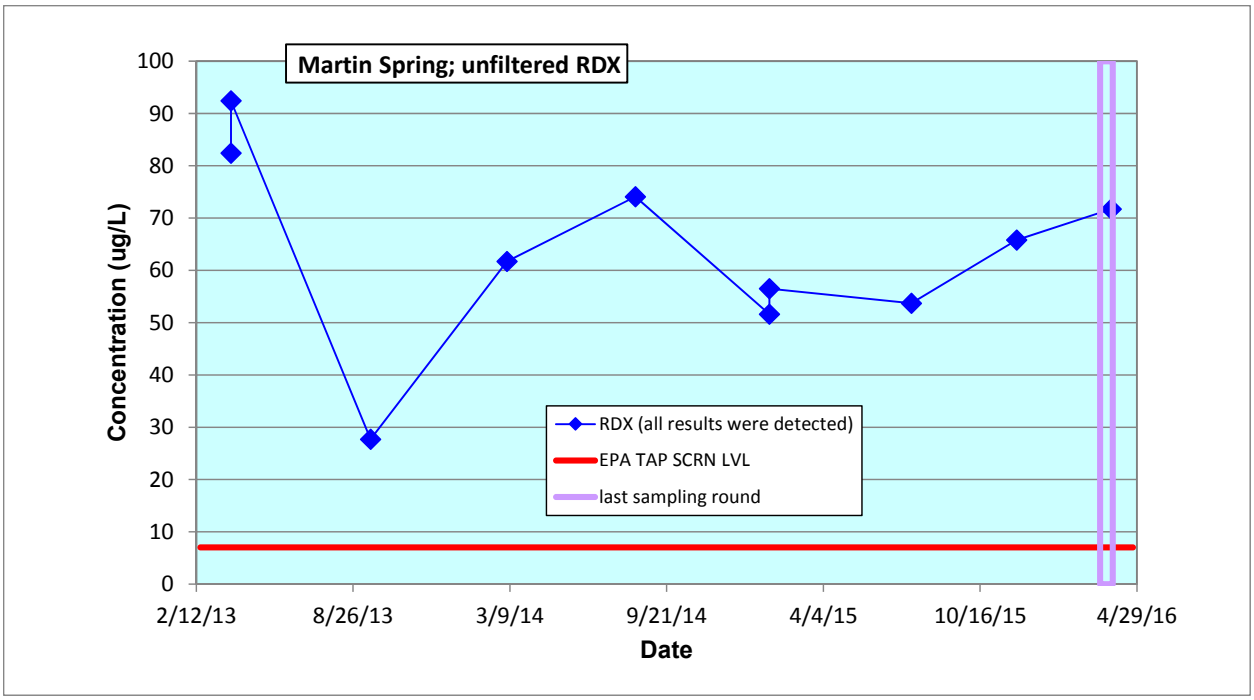

CDV-16-611923; filtered Manganese, depth: 3.2 ft
Concentration (ug/L)
450
400
350
300
250
200
150
100
50
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Manganese (all results were detected)
NMWQCC Groundwater Standard
last sampling round

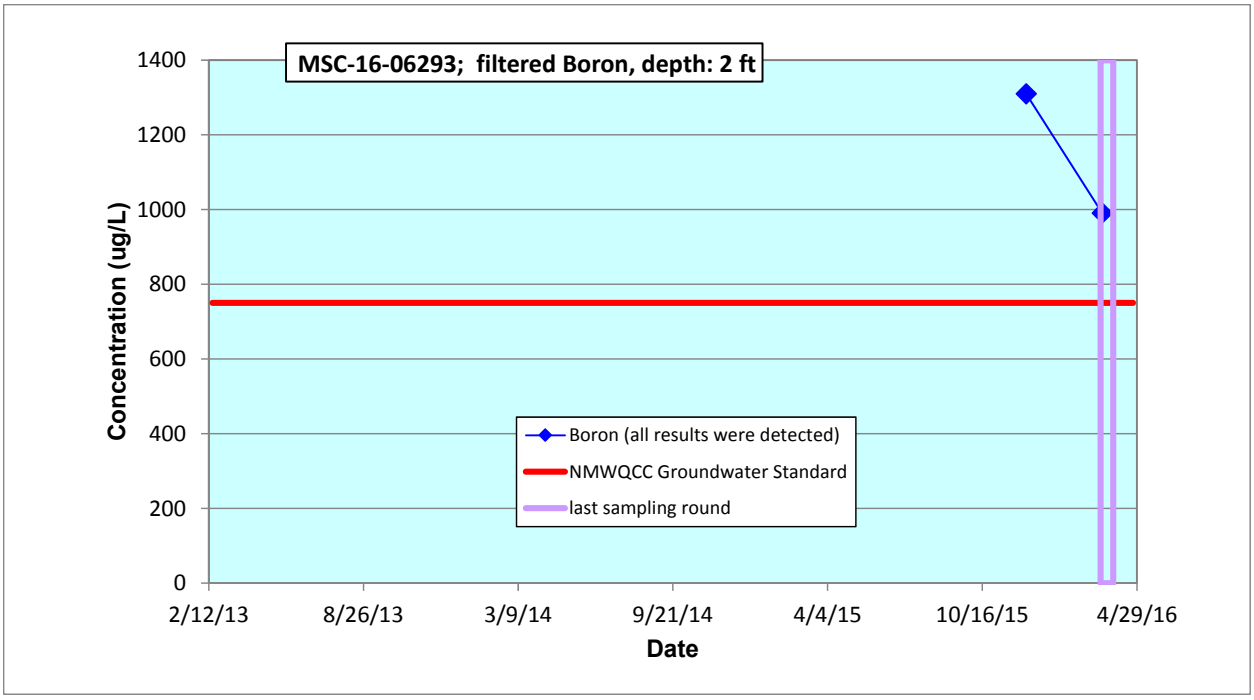

CDV-9-1(i) S1; unfiltered RDX, depth: 937.4 ft
Concentration (ug/L)
40
35
30
25
20
15
10
5
0
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date

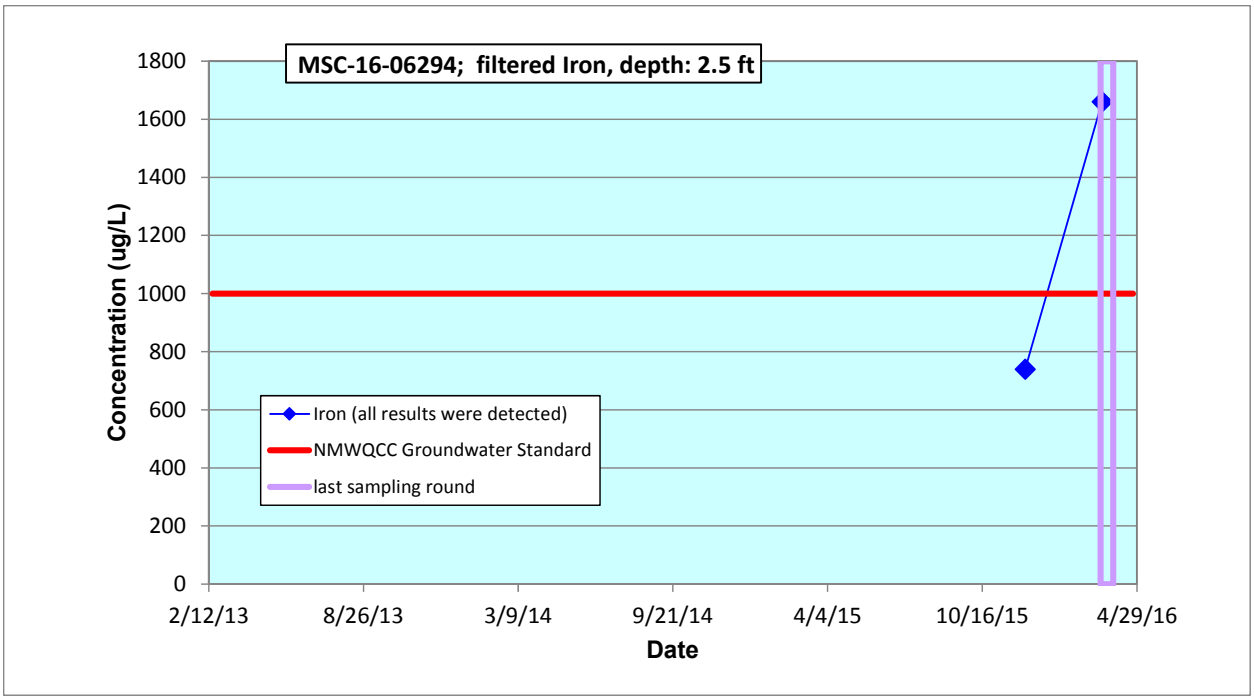

CdV-R-37-2 S2; unfiltered Chloroform, depth: 1188.7 ft
Concentration (ug/L)
100
90
80
70
60
50
40
30
20
10
0
Chloroform (detected)
Chloroform (undetected)
EPA MCL
last sampling round
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date

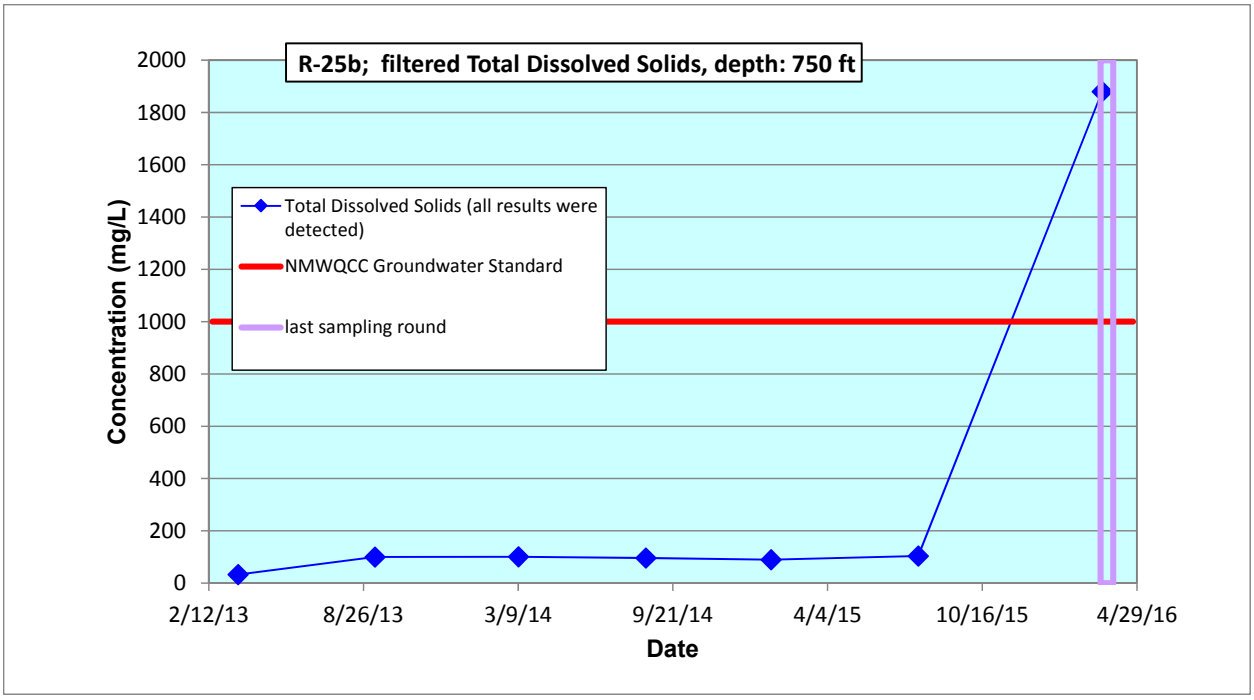

Martin Spring; unfiltered Benzo(a)anthracene
Concentration (ug/L)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Benzo(a)anthracene (detected)
Benzo(a)anthracene (undetected)
EPA TAP SCRN LVL
last sampling round

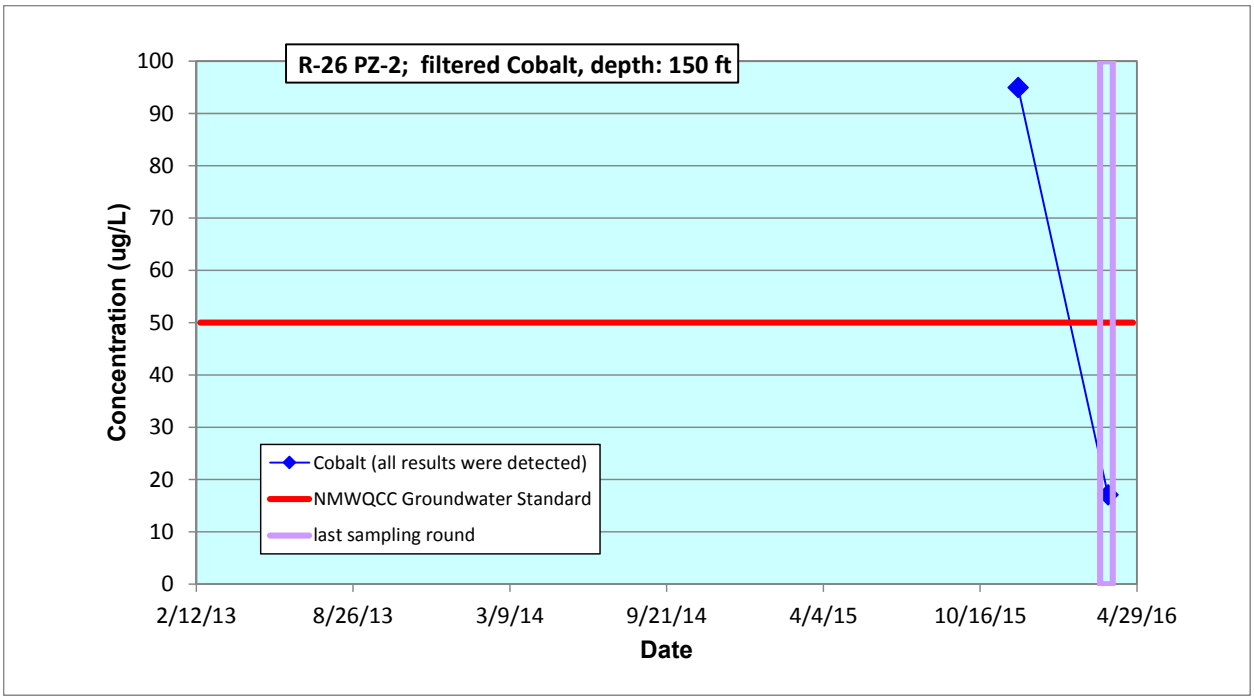

Martin Spring; filtered Boron
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Boron (all results were detected)
NMWQCC Groundwater Standard
last sampling round

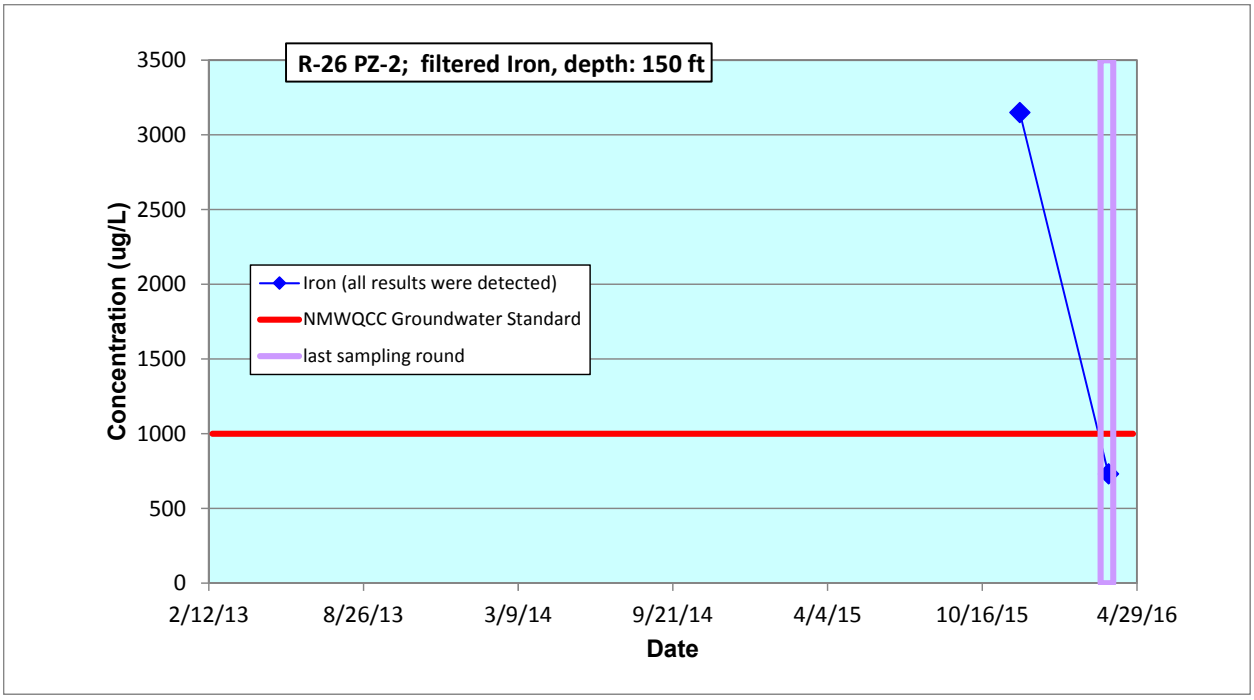

Martin Spring; unfiltered RDX
Concentration (ug/L)
100
90
80
70
60
50
40
30
20
10
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

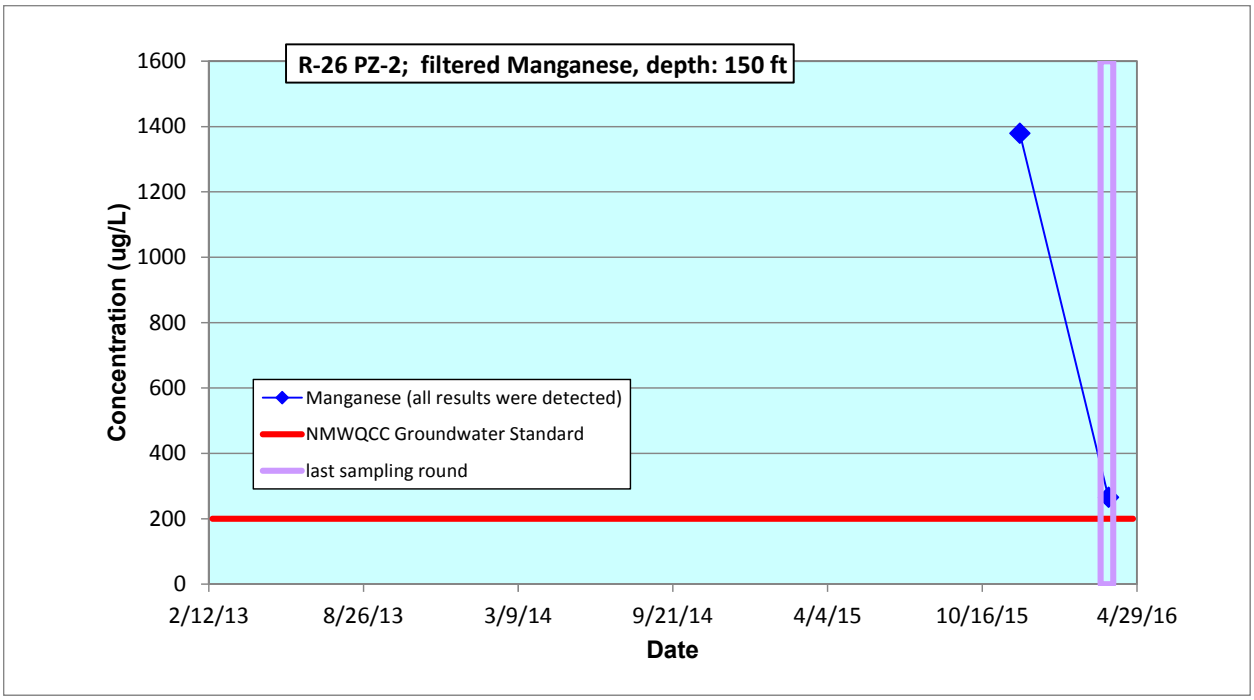

MSC-16-06293; filtered Boron, depth: 2 ft
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Boron (all results were detected)
NMWQCC Groundwater Standard
last sampling round

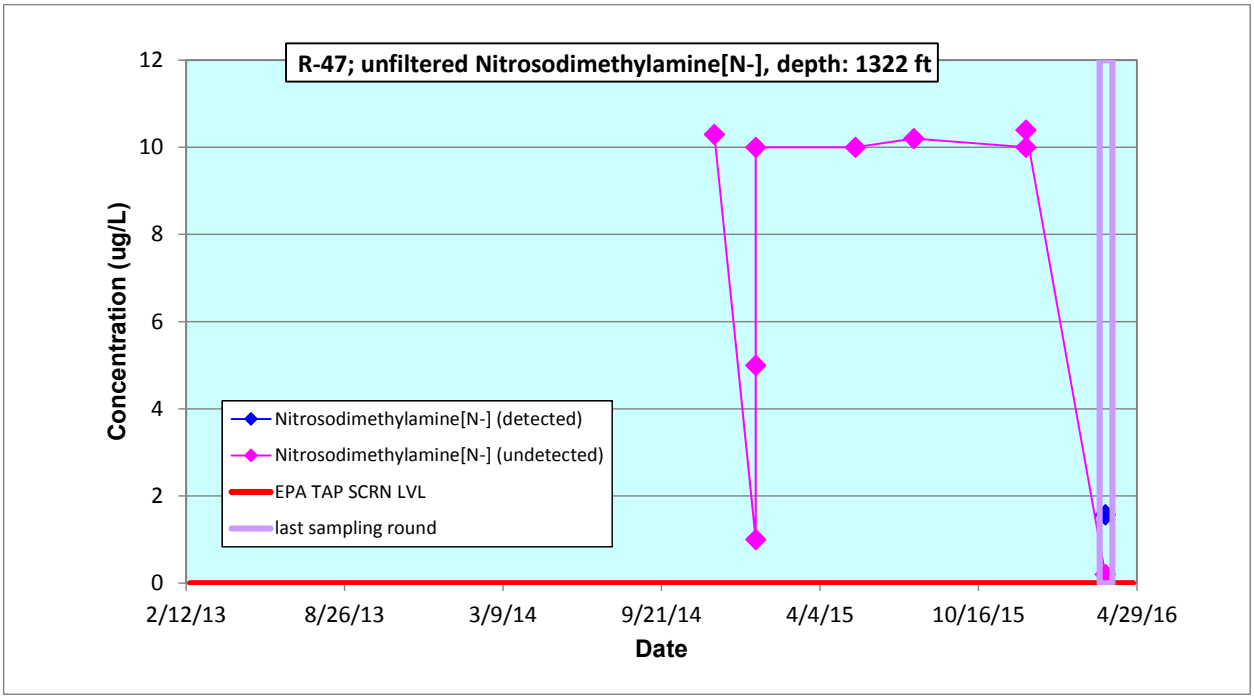

MSC-16-06294; filtered Iron, depth: 2.5 ft
Concentration (ug/L)
1800
1600
1400
1200
1000
800
600
400
200
0
Iron (all results were detected)
NMWQCC Groundwater Standard
last sampling round
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date

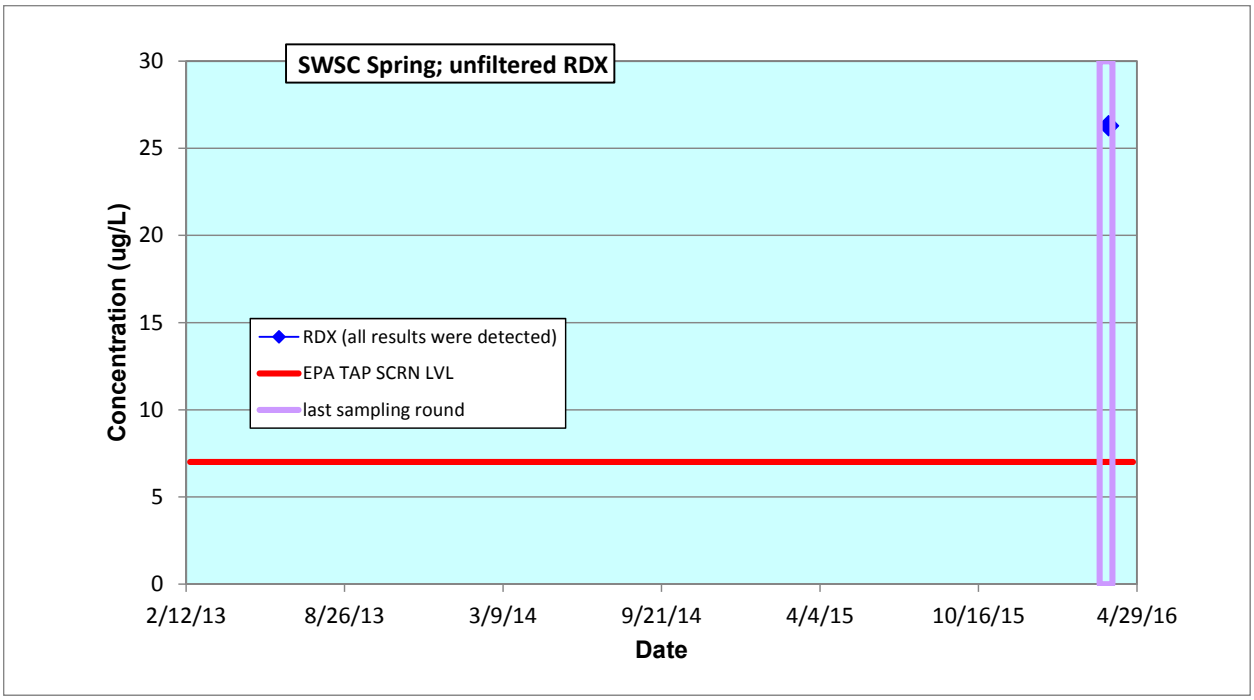

R-25b; filtered Total Dissolved Solids, depth: 750 ft
Concentration (mg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Total Dissolved Solids (all results were detected)
NMWQCC Groundwater Standard
last sampling round
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date


R-26 PZ-2; filtered Cobalt, depth: 150 ft
Concentration (ug/L)
100
90
80
70
60
50
40
30
20
10
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Cobalt (all results were detected)
NMWQCC Groundwater Standard
last sampling round


R-26 PZ-2; filtered Iron, depth: 150 ft
Concentration (ug/L)
3500
3000
2500
2000
1500
1000
500
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Iron (all results were detected)
NMWQCC Groundwater Standard
last sampling round


R-26 PZ-2; filtered Manganese, depth: 150 ft
Concentration (ug/L)
1600
1400
1200
1000
800
600
400
200
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Manganese (all results were detected)
NMWQCC Groundwater Standard
last sampling round


R-47; unfiltered Nitrosodimethylamine[N-], depth: 1322 ft
Concentration (ug/L)
12
10
8
6
4
2
0
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date
Nitrosodimethylamine[N-] (detected)
Nitrosodimethylamine[N-] (undetected)
EPA TAP SCRN LVL
last sampling round


SWSC Spring; unfiltered RDX
Concentration (ug/L)
30
25
20
15
10
5
0
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
2/12/13
8/26/13
3/9/14
9/21/14
4/4/15
10/16/15
4/29/16
Date

Appendix F

Analytical Reports
(on CD included with this document)

Table F-1
Information Provided on CD for Samples Collected
for the Interim Facility-Wide Groundwater Monitoring Plan

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2016-341	Inorganic	GELC[a]	CAWA-16-106927	11/13/15	CdV-16-1(i)	624	634
2016-341	Inorganic	GELC	CAWA-16-106946	11/13/15	CdV-16-1(i)	624	634
2016-341	Organic	GELC	CAWA-16-106927	11/13/15	CdV-16-1(i)	624	634
2016-439	Inorganic	GELC	CAWA-16-106952	12/01/15	Martin Spring	—[b]	—
2016-439	Inorganic	GELC	CAWA-16-106933	12/01/15	Martin Spring	—	—
2016-439	Organic	GELC	CAWA-16-106933	12/01/15	Martin Spring	—	—
2016-440	Inorganic	GELC	CAWA-16-106921	12/02/15	16-26644	130	145
2016-440	Inorganic	GELC	CAWA-16-106940	12/02/15	16-26644	130	145
2016-440	Organic	GELC	CAWA-16-106921	12/02/15	16-26644	130	145
2016-458	Inorganic	GELC	CAWA-16-106955	12/03/15	R-26 PZ-2	150	180
2016-458	Organic	GELC	CAWA-16-106936	12/03/15	R-26 PZ-2	150	180
2016-472	Inorganic	GELC	CAWA-16-106918	12/07/15	CDV-16-4ip S1	815.6	879.2
2016-472	Inorganic	GELC	CAWA-16-106916	12/07/15	CDV-16-4ip S1	815.6	879.2
2016-472	Inorganic	GELC	CAWA-16-106928	12/07/15	CdV-16-2(i)r	850	859.7
2016-472	Inorganic	GELC	CAWA-16-106929	12/07/15	CDV-16-4ip S1	815.6	879.2
2016-472	Inorganic	GELC	CAWA-16-106947	12/07/15	CdV-16-2(i)r	850	859.7
2016-472	Inorganic	GELC	CAWA-16-106948	12/07/15	CDV-16-4ip S1	815.6	879.2
2016-472	Organic	GELC	CAWA-16-106916	12/07/15	CDV-16-4ip S1	815.6	879.2
2016-472	Organic	GELC	CAWA-16-106928	12/07/15	CdV-16-2(i)r	850	859.7
2016-472	Organic	GELC	CAWA-16-106929	12/07/15	CDV-16-4ip S1	815.6	879.2
2016-496	Inorganic	GELC	CAPA-16-106966	12/09/15	R-18	1358	1381
2016-496	Inorganic	GELC	CAPA-16-106967	12/09/15	R-18	1358	1381
2016-496	Organic	GELC	CAPA-16-106966	12/09/15	R-18	1358	1381
2016-508	Inorganic	GELC	CAWA-16-106922	12/10/15	Between E252 and Water at Beta	—	—
2016-508	Inorganic	GELC	CAWA-16-106941	12/10/15	Between E252 and Water at Beta	—	—
2016-508	Organic	GELC	CAWA-16-106922	12/10/15	Between E252 and Water at Beta	—	—
2016-512	Inorganic	GELC	CAWA-16-106953	12/11/15	MSC-16-06293	2	7
2016-512	Inorganic	GELC	CAWA-16-106954	12/10/15	MSC-16-06294	2.5	7.3
2016-512	Inorganic	GELC	CAWA-16-106923	12/12/15	Burning Ground Spring	—	—
2016-512	Inorganic	GELC	CAWA-16-106924	12/11/15	Canon de Valle below MDA P	—	—
2016-512	Inorganic	GELC	CAWA-16-106925	12/12/15	CDV-16-02656	3	8
2016-512	Inorganic	GELC	CAWA-16-106942	12/12/15	Burning Ground Spring	—	—
2016-512	Inorganic	GELC	CAWA-16-106943	12/11/15	Canon de Valle below MDA P	—	—
2016-512	Inorganic	GELC	CAWA-16-106944	12/12/15	CDV-16-02656	3	8

Table F-1 (continued)

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2016-512	Inorganic	GELC	CAWA-16-106930	12/11/15	CDV-16-611923	3.2	8.2
2016-512	Inorganic	GELC	CAWA-16-106935	12/10/15	MSC-16-06294	2.5	7.3
2016-512	Inorganic	GELC	CAWA-16-106949	12/11/15	CDV-16-611923	3.2	8.2
2016-512	Organic	GELC	CAWA-16-106923	12/12/15	Burning Ground Spring	—	—
2016-512	Organic	GELC	CAWA-16-106924	12/11/15	Canon de Valle below MDA P	—	—
2016-512	Organic	GELC	CAWA-16-106925	12/12/15	CDV-16-02656	3	8
2016-512	Organic	GELC	CAWA-16-106930	12/11/15	CDV-16-611923	3.2	8.2
2016-512	Organic	GELC	CAWA-16-106934	12/11/15	MSC-16-06293	2	7
2016-512	Organic	GELC	CAWA-16-106935	12/10/15	MSC-16-06294	2.5	7.3
2016-518	Inorganic	GELC	CAWA-16-106917	12/14/15	R-47	1322	1343.3
2016-518	Inorganic	GELC	CAWA-16-106919	12/14/15	R-47	1322	1343.3
2016-518	Inorganic	GELC	CAWA-16-106937	12/14/15	R-47	1322	1343.3
2016-518	Inorganic	GELC	CAWA-16-106956	12/14/15	R-47	1322	1343.3
2016-518	Organic	GELC	CAWA-16-106917	12/14/15	R-47	1322	1343.3
2016-518	Organic	GELC	CAWA-16-106937	12/14/15	R-47	1322	1343.3
2016-529	Inorganic	GELC	CAWA-16-106926	12/16/15	CDV-16-02659	1.7	6.7
2016-529	Inorganic	GELC	CAWA-16-106945	12/16/15	CDV-16-02659	1.7	6.7
2016-529	Organic	GELC	CAWA-16-106926	12/16/15	CDV-16-02659	1.7	6.7
2016-556	Inorganic	GELC	CAWA-16-106939	12/21/15	Water at Beta	—	—
2016-556	Inorganic	GELC	CAWA-16-106958	12/21/15	Water at Beta	—	—
2016-556	Organic	GELC	CAWA-16-106939	12/21/15	Water at Beta	—	—
2016-635	Inorganic	GELC	CAWA-16-108134	01/19/16	R-58	1257	1277.3
2016-635	Inorganic	GELC	CAWA-16-108135	01/19/16	R-58	1257	1277.3
2016-635	Organic	GELC	CAWA-16-108134	01/19/16	R-58	1257	1277.3
2016-635	Rad[c]	GELC	CAWA-16-108134	01/19/16	R-58	1257	1277.3
2016-636	Organic	CFA[d]	CAWA-16-108134	01/19/16	R-58	1257	1277.3
2016-641	Rad	ARSL[e]	CAWA-16-108134	01/19/16	R-58	1257	1277.3
2016-881	Inorganic	GELC	CAWA-16-110739	03/14/16	CDV-16-4ip S1	815.6	879.2
2016-881	Inorganic	GELC	CAWA-16-110770	03/14/16	CDV-16-4ip S1	815.6	879.2
2016-881	Organic	GELC	CAWA-16-110739	03/14/16	CDV-16-4ip S1	815.6	879.2
2016-881	Rad	GELC	CAWA-16-110739	03/14/16	CDV-16-4ip S1	815.6	879.2
2016-882	Inorganic	GELC	CAWA-16-110736	03/14/16	CDV-16-02659	1.7	6.7
2016-882	Inorganic	GELC	CAWA-16-110767	03/14/16	CDV-16-02659	1.7	6.7
2016-882	Organic	GELC	CAWA-16-110736	03/14/16	CDV-16-02659	1.7	6.7
2016-882	Rad	GELC	CAWA-16-110736	03/14/16	CDV-16-02659	1.7	6.7
2016-889	Inorganic	GELC	CAWA-16-110731	03/15/16	16-26644	130	145
2016-889	Inorganic	GELC	CAWA-16-110762	03/15/16	16-26644	130	145

Table F-1 (continued)

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2016-889	Organic	GELC	CAWA-16-110731	03/15/16	16-26644	130	145
2016-889	Rad	GELC	CAWA-16-110731	03/15/16	16-26644	130	145
2016-890	Inorganic	GELC	CAPA-16-110847	03/15/16	R-18	1358	1381
2016-890	Inorganic	GELC	CAPA-16-110849	03/15/16	R-18	1358	1381
2016-890	Organic	GELC	CAPA-16-110847	03/15/16	R-18	1358	1381
2016-890	Rad	GELC	CAPA-16-110847	03/15/16	R-18	1358	1381
2016-890ARS	Rad	ARSL	CAPA-16-110847	03/15/16	R-18	1358	1381
2016-914	Inorganic	GELC	CAWA-16-110748	03/16/16	MSC-16-06294	2.5	7.3
2016-914	Inorganic	GELC	CAWA-16-110747	03/16/16	MSC-16-06293	2	7
2016-914	Inorganic	GELC	CAWA-16-110778	03/16/16	MSC-16-06293	2	7
2016-914	Inorganic	GELC	CAWA-16-110779	03/16/16	MSC-16-06294	2.5	7.3
2016-914	Inorganic	GELC	CAWA-16-110749	03/16/16	R-25b	750	770.8
2016-914	Inorganic	GELC	CAWA-16-110780	03/16/16	R-25b	750	770.8
2016-914	Organic	GELC	CAWA-16-110748	03/16/16	MSC-16-06294	2.5	7.3
2016-914	Organic	GELC	CAWA-16-110747	03/16/16	MSC-16-06293	2	7
2016-914	Organic	GELC	CAWA-16-110749	03/16/16	R-25b	750	770.8
2016-914	Rad	GELC	CAWA-16-110748	03/16/16	MSC-16-06294	2.5	7.3
2016-914	Rad	GELC	CAWA-16-110747	03/16/16	MSC-16-06293	2	7
2016-927	Inorganic	GELC	CAWA-16-110699	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-927	Inorganic	GELC	CAWA-16-110696	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-927	Inorganic	GELC	CAWA-16-110773	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-927	Inorganic	GELC	CAWA-16-110742	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-927	Organic	GELC	CAWA-16-110696	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-927	Organic	GELC	CAWA-16-110742	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-927	Rad	GELC	CAWA-16-110696	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-927	Rad	GELC	CAWA-16-110742	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-928	Inorganic	GELC	CAWA-16-110743	03/17/16	CdV-R-15-3 S4	1235.1	1278.9
2016-928	Inorganic	GELC	CAWA-16-110774	03/17/16	CdV-R-15-3 S4	1235.1	1278.9
2016-928	Organic	GELC	CAWA-16-110743	03/17/16	CdV-R-15-3 S4	1235.1	1278.9
2016-928	Rad	GELC	CAWA-16-110743	03/17/16	CdV-R-15-3 S4	1235.1	1278.9
2016-929	Inorganic	GELC	CAWA-16-110772	03/18/16	CDV-37-1(i)	632	652.5
2016-929	Inorganic	GELC	CAWA-16-110741	03/18/16	CDV-37-1(i)	632	652.5
2016-929	Inorganic	GELC	CAWA-16-110760	03/18/16	Water at Beta	—	—
2016-929	Inorganic	GELC	CAWA-16-110791	03/18/16	Water at Beta	—	—
2016-929	Organic	GELC	CAWA-16-110741	03/18/16	CDV-37-1(i)	632	652.5
2016-929	Organic	GELC	CAWA-16-110760	03/18/16	Water at Beta	—	—

Table F-1 (continued)

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2016-929	Rad	GELC	CAWA-16-110741	03/18/16	CDV-37-1(i)	632	652.5
2016-929	Rad	GELC	CAWA-16-110760	03/18/16	Water at Beta	—	—
2016-930	Organic	CFA	CAWA-16-110696	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-930	Organic	CFA	CAWA-16-110742	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-933	Inorganic	GELC	CAWA-16-110754	03/21/16	R-47	1322	1343.3
2016-933	Inorganic	GELC	CAWA-16-110785	03/21/16	R-47	1322	1343.3
2016-933	Organic	GELC	CAWA-16-110754	03/21/16	R-47	1322	1343.3
2016-933	Rad	GELC	CAWA-16-110754	03/21/16	R-47	1322	1343.3
2016-934	Inorganic	GELC	CAWA-16-110757	03/21/16	R-58	1257	1277.3
2016-934	Inorganic	GELC	CAWA-16-110788	03/21/16	R-58	1257	1277.3
2016-934	Organic	GELC	CAWA-16-110757	03/21/16	R-58	1257	1277.3
2016-934	Rad	GELC	CAWA-16-110757	03/21/16	R-58	1257	1277.3
2016-935	Organic	CFA	CAWA-16-110754	03/21/16	R-47	1322	1343.3
2016-935	Organic	CFA	CAWA-16-110757	03/21/16	R-58	1257	1277.3
2016-942	Inorganic	GELC	CAWA-16-110756	03/22/16	R-48	1500	1520.6
2016-942	Inorganic	GELC	CAWA-16-110787	03/22/16	R-48	1500	1520.6
2016-942	Organic	GELC	CAWA-16-110756	03/22/16	R-48	1500	1520.6
2016-942	Rad	GELC	CAWA-16-110756	03/22/16	R-48	1500	1520.6
2016-945	Inorganic	GELC	CAWA-16-110751	03/23/16	R-26 S1	651.8	669.9
2016-945	Inorganic	GELC	CAWA-16-110782	03/23/16	R-26 S1	651.8	669.9
2016-945	Organic	GELC	CAWA-16-110751	03/23/16	R-26 S1	651.8	669.9
2016-945	Rad	GELC	CAWA-16-110751	03/23/16	R-26 S1	651.8	669.9
2016-946	Rad	ARSL	CAWA-16-110696	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-946	Rad	ARSL	CAWA-16-110743	03/17/16	CdV-R-15-3 S4	1235.1	1278.9
2016-946	Rad	ARSL	CAWA-16-110741	03/18/16	CDV-37-1(i)	632	652.5
2016-946	Rad	ARSL	CAWA-16-110757	03/21/16	R-58	1257	1277.3
2016-946	Rad	ARSL	CAWA-16-110754	03/21/16	R-47	1322	1343.3
2016-946	Rad	ARSL	CAWA-16-110742	03/17/16	CDV-9-1(i) S1	937.4	992.4
2016-946	Rad	ARSL	CAWA-16-110756	03/22/16	R-48	1500	1520.6
2016-950	Inorganic	GELC	CAWA-16-110737	03/24/16	CdV-16-1(i)	624	634
2016-950	Inorganic	GELC	CAWA-16-110768	03/24/16	CdV-16-1(i)	624	634
2016-950	Inorganic	GELC	CAWA-16-110781	03/24/16	R-26 PZ-2	150	180
2016-950	Organic	GELC	CAWA-16-110737	03/24/16	CdV-16-1(i)	624	634
2016-950	Organic	GELC	CAWA-16-110750	03/24/16	R-26 PZ-2	150	180
2016-950	Rad	GELC	CAWA-16-110737	03/24/16	CdV-16-1(i)	624	634
2016-959	Inorganic	GELC	CAWA-16-110733	03/25/16	Burning Ground Spring	—	—
2016-959	Inorganic	GELC	CAWA-16-110790	03/25/16	SWSC Spring	—	—

Table F-1 (continued)

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2016-959	Inorganic	GELC	CAWA-16-110764	03/25/16	Burning Ground Spring	—	—
2016-959	Inorganic	GELC	CAWA-16-110766	03/25/16	CDV-16-02656	3	8
2016-959	Inorganic	GELC	CAWA-16-110735	03/25/16	CDV-16-02656	3	8
2016-959	Inorganic	GELC	CAWA-16-110759	03/25/16	SWSC Spring	—	—
2016-959	Organic	GELC	CAWA-16-110733	03/25/16	Burning Ground Spring	—	—
2016-959	Organic	GELC	CAWA-16-110735	03/25/16	CDV-16-02656	3	8
2016-959	Organic	GELC	CAWA-16-110759	03/25/16	SWSC Spring	—	—
2016-959	Rad	GELC	CAWA-16-110733	03/25/16	Burning Ground Spring	—	—
2016-959	Rad	GELC	CAWA-16-110735	03/25/16	CDV-16-02656	3	8
2016-959	Rad	GELC	CAWA-16-110759	03/25/16	SWSC Spring	—	—
2016-961	Inorganic	GELC	CAWA-16-110698	03/28/16	CDV-16-611923	3.2	8.2
2016-961	Inorganic	GELC	CAWA-16-110695	03/28/16	CDV-16-611923	3.2	8.2
2016-961	Inorganic	GELC	CAWA-16-110740	03/28/16	CDV-16-611923	3.2	8.2
2016-961	Inorganic	GELC	CAWA-16-110746	03/28/16	Martin Spring	—	—
2016-961	Inorganic	GELC	CAWA-16-110734	03/28/16	Canon de Valle below MDA P	—	—
2016-961	Inorganic	GELC	CAWA-16-110777	03/28/16	Martin Spring	—	—
2016-961	Inorganic	GELC	CAWA-16-110765	03/28/16	Canon de Valle below MDA P	—	—
2016-961	Inorganic	GELC	CAWA-16-110771	03/28/16	CDV-16-611923	3.2	8.2
2016-961	Organic	GELC	CAWA-16-110695	03/28/16	CDV-16-611923	3.2	8.2
2016-961	Organic	GELC	CAWA-16-110740	03/28/16	CDV-16-611923	3.2	8.2
2016-961	Organic	GELC	CAWA-16-110734	03/28/16	Canon de Valle below MDA P	—	—
2016-961	Organic	GELC	CAWA-16-110746	03/28/16	Martin Spring	—	—
2016-961	Rad	GELC	CAWA-16-110695	03/28/16	CDV-16-611923	3.2	8.2
2016-961	Rad	GELC	CAWA-16-110740	03/28/16	CDV-16-611923	3.2	8.2
2016-961	Rad	GELC	CAWA-16-110746	03/28/16	Martin Spring	—	—
2016-961	Rad	GELC	CAWA-16-110734	03/28/16	Canon de Valle below MDA P	—	—
2016-965	Inorganic	GELC	CAWA-16-110789	03/29/16	R-63	1325	1345.3
2016-965	Inorganic	GELC	CAWA-16-110732	03/29/16	Between E252 and Water at Beta	—	—
2016-965	Inorganic	GELC	CAWA-16-110763	03/29/16	Between E252 and Water at Beta	—	—
2016-965	Inorganic	GELC	CAWA-16-110758	03/29/16	R-63	1325	1345.3
2016-965	Organic	GELC	CAWA-16-110732	03/29/16	Between E252 and Water at Beta	—	—
2016-965	Organic	GELC	CAWA-16-110758	03/29/16	R-63	1325	1345.3
2016-965	Rad	GELC	CAWA-16-110732	03/29/16	Between E252 and Water at Beta	—	—
2016-965	Rad	GELC	CAWA-16-110758	03/29/16	R-63	1325	1345.3
2016-972	Inorganic	GELC	CAWA-16-110738	03/30/16	CdV-16-2(i)r	850	859.7
2016-972	Inorganic	GELC	CAWA-16-110769	03/30/16	CdV-16-2(i)r	850	859.7
2016-972	Organic	GELC	CAWA-16-110738	03/30/16	CdV-16-2(i)r	850	859.7

Table F-1 (continued)

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2016-972	Rad	GELC	CAWA-16-110738	03/30/16	CdV-16-2(i)r	850	859.7
2016-973	Inorganic	GELC	CAPA-16-110846	03/30/16	Bulldog Spring	—	—
2016-973	Inorganic	GELC	CAPA-16-110842	03/30/16	Bulldog Spring	—	—
2016-973	Inorganic	GELC	CAPA-16-110848	03/30/16	Bulldog Spring	—	—
2016-973	Inorganic	GELC	CAPA-16-110843	03/30/16	Bulldog Spring	—	—
2016-973	Organic	GELC	CAPA-16-110846	03/30/16	Bulldog Spring	—	—
2016-973	Organic	GELC	CAPA-16-110842	03/30/16	Bulldog Spring	—	—
2016-973	Rad	GELC	CAPA-16-110846	03/30/16	Bulldog Spring	—	—
2016-973	Rad	GELC	CAPA-16-110842	03/30/16	Bulldog Spring	—	—
2016-975	Rad	ARSL	CAWA-16-110758	03/29/16	R-63	1325	1345.3

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

[b] — = Not applicable.

[c] Rad = Radiochemistry (not gamma).

[d] CFA = Cape Fear Analytical, LLC.

[e] ARSL = American Radiation Services, Inc.

Table F-2
Information Provided on CD for Samples Collected
for Technical Area 16 Tracer Breakthrough Monitoring

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2016-470	Inorganic	EES6*	CAWA-16-108138	12/07/15	CdV-16-2(i)r	850	859.7
2016-470	Organic	EES6	CAWA-16-108138	12/07/15	CdV-16-2(i)r	850	859.7
2016-471	Inorganic	EES6	CAWA-16-108157	12/07/15	CDV-16-4ip S1	815.6	879.2
2016-471	Organic	EES6	CAWA-16-108157	12/07/15	CDV-16-4ip S1	815.6	879.2
2016-489	Inorganic	EES6	CAPA-16-108143	12/09/15	R-18	1358	1381
2016-489	Organic	EES6	CAPA-16-108143	12/09/15	R-18	1358	1381
2016-511	Inorganic	EES6	CACV-16-108222	12/10/15	R-25b	750	770.8
2016-511	Organic	EES6	CACV-16-108222	12/10/15	R-25b	750	770.8
2016-515	Inorganic	EES6	CAWA-16-108141	12/14/15	R-47	1322	1343.3
2016-515	Organic	EES6	CAWA-16-108141	12/14/15	R-47	1322	1343.3
2016-516	Inorganic	EES6	CACV-16-108221	12/14/15	CDV-9-1(i)	937.4	992.4
2016-516	Organic	EES6	CACV-16-108221	12/14/15	CDV-9-1(i)	937.4	992.4
2016-524	Inorganic	EES6	CACV-16-108223	12/15/15	R-47i	840	860.6
2016-524	Organic	EES6	CACV-16-108223	12/15/15	R-47i	840	860.6
2016-566	Inorganic	EES6	CACV-16-108224	12/22/15	R-48	1500	1520.6
2016-566	Organic	EES6	CACV-16-108224	12/22/15	R-48	1500	1520.6
2016-627	Inorganic	EES6	CAWA-16-109991	01/14/16	R-48	1500	1520.6
2016-627	Organic	EES6	CAWA-16-109991	01/14/16	R-48	1500	1520.6
2016-629	Inorganic	EES6	CAPA-16-109994	01/15/16	R-18	1358	1381
2016-629	Organic	EES6	CAPA-16-109994	01/15/16	R-18	1358	1381
2016-631	Inorganic	EES6	CAWA-16-109987	01/19/16	CDV-9-1(i)	937.4	992.4
2016-631	Inorganic	EES6	CAWA-16-109992	01/19/16	R-58	1257	1277.3
2016-631	Organic	EES6	CAWA-16-109987	01/19/16	CDV-9-1(i)	937.4	992.4
2016-631	Organic	EES6	CAWA-16-109992	01/19/16	R-58	1257	1277.3
2016-638	Inorganic	EES6	CAWA-16-109986	01/20/16	CDV-16-4ip S1	815.6	879.2
2016-638	Inorganic	EES6	CAWA-16-109990	01/20/16	R-47i	840	860.6
2016-638	Inorganic	EES6	CAWA-16-109983	01/20/16	CDV-16-4ip S1	815.6	879.2
2016-638	Organic	EES6	CAWA-16-109986	01/20/16	CDV-16-4ip S1	815.6	879.2
2016-638	Organic	EES6	CAWA-16-109990	01/20/16	R-47i	840	860.6
2016-638	Organic	EES6	CAWA-16-109983	01/20/16	CDV-16-4ip S1	815.6	879.2
2016-644	Inorganic	EES6	CAWA-16-109985	01/21/16	CdV-16-2(i)r	850	859.7
2016-644	Inorganic	EES6	CAWA-16-109989	01/21/16	R-47	1322	1343.3
2016-644	Organic	EES6	CAWA-16-109985	01/21/16	CdV-16-2(i)r	850	859.7
2016-644	Organic	EES6	CAWA-16-109989	01/21/16	R-47	1322	1343.3

Table F-2 (continued)

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2016-880	Inorganic	EES6	CAWA-16-110832	03/14/16	CDV-16-4ip S1	815.6	879.2
2016-880	Organic	EES6	CAWA-16-110832	03/14/16	CDV-16-4ip S1	815.6	879.2
2016-888	Inorganic	EES6	CAPA-16-110840	03/15/16	R-18	1358	1381
2016-888	Organic	EES6	CAPA-16-110840	03/15/16	R-18	1358	1381
2016-909	Inorganic	EES6	CAWA-16-110834	03/16/16	R-25b	750	770.8
2016-909	Organic	EES6	CAWA-16-110834	03/16/16	R-25b	750	770.8
2016-926	Inorganic	EES6	CAWA-16-110833	03/17/16	CDV-9-1(i)	937.4	992.4
2016-926	Organic	EES6	CAWA-16-110833	03/17/16	CDV-9-1(i)	937.4	992.4
2016-932	Inorganic	EES6	CAWA-16-110835	03/21/16	R-47	1322	1343.3
2016-932	Inorganic	EES6	CAWA-16-110838	03/21/16	R-58	1257	1277.3
2016-932	Organic	EES6	CAWA-16-110835	03/21/16	R-47	1322	1343.3
2016-932	Organic	EES6	CAWA-16-110838	03/21/16	R-58	1257	1277.3
2016-941	Inorganic	EES6	CAWA-16-110837	03/22/16	R-48	1500	1520.6
2016-941	Organic	EES6	CAWA-16-110837	03/22/16	R-48	1500	1520.6
2016-951	Inorganic	EES6	CAWA-16-110830	03/24/16	CdV-16-1(i)	624	634
2016-951	Organic	EES6	CAWA-16-110830	03/24/16	CdV-16-1(i)	624	634
2016-970	Inorganic	EES6	CAWA-16-110831	03/30/16	CdV-16-2(i)r	850	859.7
2016-970	Organic	EES6	CAWA-16-110831	03/30/16	CdV-16-2(i)r	850	859.7

*EES6 = Hydrology, Geochemistry, and Geology Group (Los Alamos National Laboratory).

Appendix G

Technical Area 16 Tracer Monitoring Data

This appendix presents the data collected to support ongoing tracer testing at Technical Area 16 (TA-16). Tracer testing at TA-16 is being conducted to meet the requirements of the "Work Plan for a Tracer Test at Consolidated Unit 16-021(c)-99, Technical Area 16, Revision 1" (LANL 2015, 600535) (hereafter called the Work Plan). In accordance with the requirements of the Work Plan, tracer monitoring data are included in this periodic monitoring report (PMR) as Appendix G.

Los Alamos National Laboratory (LANL or the Laboratory) completed deployment of all groundwater tracers at Consolidated Unit 16-021(c)-99 in accordance with the requirements of the Work Plan.

Table G-1 summarizes the TA-16 tracer study fieldwork completed in October and November 2015, which included dilution testing and tracer deployment.

The majority of tracer was introduced in each well screen in accordance with the requirements of the Work Plan. However, at all locations except CdV-9-1(i) S1 (screen 1), the volumes of potable water mixed with the tracer were reduced by 50% from the volumes originally proposed in the Work Plan to expedite tracer deployment activities. At CdV-9-1(i) piezometer 2, the volume was reduced even further to accommodate the low yield of the formation in which this piezometer is screened.

In accordance with the Work Plan, tracer breakthrough monitoring samples were collected in select wells approximately 2, 6, and 16 wk after deployment of the tracers. Samples collected in December 2015 represent the 2-wk tracer breakthrough data, samples collected in January 2016 represent the 6-wk tracer breakthrough data, and samples collected in March 2016 represent the 16-wk tracer breakthrough data. This sampling effort is being followed by quarterly sample collection, which will be reported in future TA-16 260 PMRs.

Tracer breakthrough samples were collected in the tracer introduction wells [R-25b, CdV-9-1(i) S1, and CdV-16-1(i)], in downgradient monitoring wells in perched-intermediate groundwater [CdV-16-4ip S1, CdV-16-2(i)r, and R-47i], and in downgradient monitoring wells in the regional aquifer (R-63, R-18, R-47, R-48, and R-58).

Table G-2 presents the tracer monitoring data for all samples collected during the tracer breakthrough sampling events from December 2015 through March 2016. The colored shading in Table G-2 identifies the tracers introduced into R-25b, CdV-9-1(i) (S1, piezometer 1, and piezometer 2), and CdV-16-1(i).

Tracer study analytical laboratory reports are provided in Appendix F (on CD included with this document). Appendix F also includes two tables showing the contents of the appendix.

REFERENCES

The following list includes all documents cited in this appendix. 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), July 2015. "Work Plan for a Tracer Test at Consolidated Unit 16-021(c)-99, Technical Area 16, Revision 1," Los Alamos National Laboratory document LA-UR-15-24089, Los Alamos, New Mexico. (LANL 2015, 600535)

Table G-1
Summary of Groundwater Dilution Test and Tracer Deployment Activities

Location	Unit	Tracer(s)	Quantity Injected	Volume of Tracer Solution Injected	Notes
R-25b	Perched	Na-1 NS[a]	2 g	40 gal.	Dilution test completed 10/7/15
CdV-9-1(i) S1	Perched	Na-1 NS	2 g	270 gal.	Dilution test completed 10/20/15
R-25b	Perched	Na-1,6-NDS[b]	40 kg	6000 gal. Flushed with a small amount of water (wellbore volume or less) after tracer deployment.	Long-term/large-scale natural-gradient tracer test Tracer deployed from 11/18/15 to 11/20/15
CdV-16-1(i)	Perched	Na-1,5-NDS	40 kg	6000 gal. Flushed with a small amount of water (wellbore volume or less) after tracer deployment.	Long-term/large-scale natural gradient test Tracer deployed from 11/20/15 to 11/21/15
CdV-9-1(i) Piezometer 1 (662.9–672.4 ft)	Perched	Na-1,3,6-NTS[c]	25 kg	3000 gal. Flushed with a small amount of water (wellbore volume or less) after tracer deployment.	Long-term/large-scale natural gradient test Tracer deployed from 11/9/15 to 11/10/15
CdV-9-1(i) Piezometer 2 (852.9–862.4 ft)	Perched	Na-1,3,5-NTS	25 kg	200 gal. Flushed with a small amount of water (wellbore volume or less) after tracer deployment.	Long-term/large-scale natural gradient test Tracer injected on 11/10/15, 11/12/15, and 11/16/15
CdV-9-1(i) S1 (937.4–992.4 ft)	Perched	Na-2,6-NDS NaBr[d]	40 kg 150 kg	12,000 gal. Flushed with a small amount of water (wellbore volume or less) after tracer deployment.	Long-term/large-scale natural gradient test Tracer deployed from 10/29/15 to 11/06/15

[a] NS = Naphthalene sulfonate.
[b] NDS = Naphthalene disulfonate.
[c] NTS = Naphthalene trisulfonate.
[d] NaBr = Sodium bromide.

Table G-2
Tracer Monitoring Data (December 2015 to March 2016)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
CDV-9-1(i) S1	Intermediate	Yes	12/14/15	1,3,5-Naphthalene trisulfonic acid	Y	0.650	—[a]
			01/19/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U[b]
			03/17/16	1,3,5-Naphthalene trisulfonic acid	Y	0.104	—
			03/17/16	1,3,5-Naphthalene trisulfonic acid	Y	0.105	—
			12/14/15	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			01/19/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			03/17/16	1,3,6-Naphthalene trisulfonic acid	Y	0.022	—
			03/17/16	1,3,6-Naphthalene trisulfonic acid	Y	0.021	—
			12/14/15	1,5-Naphthalenedisulfonic acid	N	0.002	U
			01/19/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/17/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/17/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			12/14/15	1,6-Naphthalene disulfonic acid	Y	0.002	—
			01/19/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			03/17/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			03/17/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			12/14/15	1-Naphthalene sulfonic acid	N	0.002	U
			01/19/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/17/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/17/16	1-Naphthalene sulfonic acid	N	0.002	U
			12/14/15	2,6-Naphthalene disulfonic acid	Y	10.540	—
			01/19/16	2,6-Naphthalene disulfonic acid	Y	2.150	—
			03/17/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			12/14/15	2,7-Naphthalene disulfonic acid	N	0.002	U
			01/19/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/17/16	2,7-Naphthalene disulfonic acid	Y	0.019	—

Table G-2 (continued)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
			03/17/16	2,7-Naphthalene disulfonic acid	Y	0.019	—
			12/14/15	2-Naphthalene sulfonic acid	N	0.002	U
			01/19/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/17/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/17/16	2-Naphthalene sulfonic acid	N	0.002	U
			12/14/15	Bromide	Y	17.798	—
			01/19/16	Bromide	Y	6.243	—
			03/17/16	Bromide	Y	2.591	—
			03/17/16	Bromide	Y	2.513	—
R-25b	Intermediate	Yes	12/10/15	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			03/16/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			12/10/15	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			03/16/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			12/10/15	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/16/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			12/10/15	1,6-Naphthalene disulfonic acid	Y	11979.000	—
			03/16/16	1,6-Naphthalene disulfonic acid	Y	2463.500	—
			12/10/15	1-Naphthalene sulfonic acid	N	0.002	U
			03/16/16	1-Naphthalene sulfonic acid	N	0.002	U
			12/10/15	2,6-Naphthalene disulfonic acid	N	0.002	U
			03/16/16	2,6-Naphthalene disulfonic acid	Y	0.772	—
			12/10/15	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/16/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			12/10/15	2-Naphthalene sulfonic acid	N	0.002	U
			03/16/16	2-Naphthalene sulfonic acid	N	0.002	U
			12/10/15	Bromide	Y	0.019	—
			03/16/16	Bromide	Y	0.037	—

Table G-2 (continued)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
CdV-16-1(i)	Intermediate	Yes	03/24/16	1,3,5-Naphthalene trisulfonic acid	Y	0.173	—
			03/24/16	1,3,6-Naphthalene trisulfonic acid	Y	0.012	—
			03/24/16	1,5-Naphthalenedisulfonic acid	Y	56.833	—
			03/24/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			03/24/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/24/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			03/24/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/24/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/24/16	Bromide	Y	0.073	—
CDV-16-4ip S1	Intermediate	No	12/07/15	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			12/07/15	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			01/20/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			01/20/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			03/14/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			12/07/15	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			12/07/15	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			01/20/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			01/20/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			03/14/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			12/07/15	1,5-Naphthalenedisulfonic acid	N	0.002	U
			12/07/15	1,5-Naphthalenedisulfonic acid	N	0.002	U
			01/20/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			01/20/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/14/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			12/07/15	1,6-Naphthalene disulfonic acid	N	0.002	U
			12/07/15	1,6-Naphthalene disulfonic acid	N	0.002	U
			01/20/16	1,6-Naphthalene disulfonic acid	Y	0.003	—

Table G-2 (continued)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
			01/20/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			03/14/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			12/07/15	1-Naphthalene sulfonic acid	N	0.002	U
			12/07/15	1-Naphthalene sulfonic acid	N	0.002	U
			01/20/16	1-Naphthalene sulfonic acid	N	0.002	U
			01/20/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/14/16	1-Naphthalene sulfonic acid	N	0.002	U
			12/07/15	2,6-Naphthalene disulfonic acid	N	0.002	U
			12/07/15	2,6-Naphthalene disulfonic acid	N	0.002	U
			01/20/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			01/20/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			03/14/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			12/07/15	2,7-Naphthalene disulfonic acid	N	0.002	U
			12/07/15	2,7-Naphthalene disulfonic acid	N	0.002	U
			01/20/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			01/20/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/14/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			12/07/15	2-Naphthalene sulfonic acid	N	0.002	U
			12/07/15	2-Naphthalene sulfonic acid	N	0.002	U
			01/20/16	2-Naphthalene sulfonic acid	N	0.002	U
			01/20/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/14/16	2-Naphthalene sulfonic acid	N	0.002	U
			12/07/15	Bromide	Y	0.065	—
			12/07/15	Bromide	Y	0.065	—
			01/20/16	Bromide	Y	0.049	—
			01/20/16	Bromide	Y	0.050	—
			03/14/16	Bromide	Y	0.058	—

Table G-2 (continued)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
CdV-16-2(i)r	Intermediate	No	12/07/15	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			01/21/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			03/30/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			12/07/15	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			01/21/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			03/30/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			12/07/15	1,5-Naphthalenedisulfonic acid	N	0.002	U
			01/21/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/30/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			12/07/15	1,6-Naphthalene disulfonic acid	N	0.002	U
			01/21/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			03/30/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			12/07/15	1-Naphthalene sulfonic acid	N	0.002	U
			01/21/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/30/16	1-Naphthalene sulfonic acid	N	0.002	U
			12/07/15	2,6-Naphthalene disulfonic acid	N	0.002	U
			01/21/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			03/30/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			12/07/15	2,7-Naphthalene disulfonic acid	N	0.002	U
			01/21/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/30/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			12/07/15	2-Naphthalene sulfonic acid	N	0.002	U
			01/21/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/30/16	2-Naphthalene sulfonic acid	N	0.002	U
			12/07/15	Bromide	Y	0.056	—
			01/21/16	Bromide	Y	0.039	—
			03/30/16	Bromide	Y	0.034	—

Table G-2 (continued)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
R-47i	Intermediate	No	12/15/15	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			01/20/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			12/15/15	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			01/20/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			12/15/15	1,5-Naphthalenedisulfonic acid	N	0.002	U
			01/20/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			12/15/15	1,6-Naphthalene disulfonic acid	Y	0.005	—
			01/20/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			12/15/15	1-Naphthalene sulfonic acid	N	0.002	U
			01/20/16	1-Naphthalene sulfonic acid	N	0.002	U
			12/15/15	2,6-Naphthalene disulfonic acid	N	0.002	U
			01/20/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			12/15/15	2,7-Naphthalene disulfonic acid	N	0.002	U
			01/20/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			12/15/15	2-Naphthalene sulfonic acid	N	0.002	U
			01/20/16	2-Naphthalene sulfonic acid	N	0.002	U
			12/15/15	Bromide	Y	0.035	—
			01/20/16	Bromide	Y	0.024	—
R-63	Regional	No	03/29/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			03/29/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			03/29/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/29/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			03/29/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/29/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			03/29/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/29/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/29/16	Bromide	Y	0.035	—

Table G-2 (continued)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
R-47	Regional	No	12/14/15	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			01/21/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			03/21/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			12/14/15	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			01/21/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			03/21/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			12/14/15	1,5-Naphthalenedisulfonic acid	N	0.002	U
			01/21/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/21/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			12/14/15	1,6-Naphthalene disulfonic acid	N	0.002	U
			01/21/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			03/21/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			12/14/15	1-Naphthalene sulfonic acid	N	0.002	U
			01/21/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/21/16	1-Naphthalene sulfonic acid	N	0.002	U
			12/14/15	2,6-Naphthalene disulfonic acid	N	0.002	U
			01/21/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			03/21/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			12/14/15	2,7-Naphthalene disulfonic acid	N	0.002	U
			01/21/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/21/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			12/14/15	2-Naphthalene sulfonic acid	N	0.002	U
			01/21/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/21/16	2-Naphthalene sulfonic acid	N	0.002	U
			12/14/15	Bromide	Y	0.020	—
			01/21/16	Bromide	Y	0.021	—
			03/21/16	Bromide	Y	0.025	—

Table G-2 (continued)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
R-18	Regional	No	12/09/15	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			01/15/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			03/15/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			12/09/15	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			01/15/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			03/15/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			12/09/15	1,5-Naphthalenedisulfonic acid	N	0.002	U
			01/15/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/15/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			12/09/15	1,6-Naphthalene disulfonic acid	N	0.002	U
			01/15/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			03/15/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			12/09/15	1-Naphthalene sulfonic acid	N	0.002	U
			01/15/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/15/16	1-Naphthalene sulfonic acid	N	0.002	U
			12/09/15	2,6-Naphthalene disulfonic acid	N	0.002	U
			01/15/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			03/15/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			12/09/15	2,7-Naphthalene disulfonic acid	N	0.002	U
			01/15/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/15/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			12/09/15	2-Naphthalene sulfonic acid	N	0.002	U
			01/15/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/15/16	2-Naphthalene sulfonic acid	N	0.002	U
			12/09/15	Bromide	Y	0.034	—
			01/15/16	Bromide	Y	0.038	—
			03/15/16	Bromide	Y	0.044	—

Table G-2 (continued)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
R-48	Regional	No	12/22/15	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			01/14/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			03/22/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			12/22/15	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			01/14/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			03/22/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			12/22/15	1,5-Naphthalenedisulfonic acid	N	0.002	U
			01/14/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/22/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			12/22/15	1,6-Naphthalene disulfonic acid	N	0.002	U
			01/14/16	1,6-Naphthalene disulfonic acid	Y	0.009	—
			03/22/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			12/22/15	1-Naphthalene sulfonic acid	N	0.002	U
			01/14/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/22/16	1-Naphthalene sulfonic acid	N	0.002	U
			12/22/15	2,6-Naphthalene disulfonic acid	N	0.002	U
			01/14/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			03/22/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			12/22/15	2,7-Naphthalene disulfonic acid	N	0.002	U
			01/14/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/22/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			12/22/15	2-Naphthalene sulfonic acid	N	0.002	U
			01/14/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/22/16	2-Naphthalene sulfonic acid	N	0.002	U
			12/22/15	Bromide	Y	0.043	—
			01/14/16	Bromide	Y	0.028	—
			03/22/16	Bromide	Y	0.040	—

Table G-2 (continued)

Location	Aquifer	Tracer Introduction Well?	Collection Date	Tracer	Detect Flag	Result (mg/L)	Lab Qualifier
R-58	Regional	No	01/19/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			03/21/16	1,3,5-Naphthalene trisulfonic acid	N	0.002	U
			01/19/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			03/21/16	1,3,6-Naphthalene trisulfonic acid	N	0.002	U
			01/19/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			03/21/16	1,5-Naphthalenedisulfonic acid	N	0.002	U
			01/19/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			03/21/16	1,6-Naphthalene disulfonic acid	N	0.002	U
			01/19/16	1-Naphthalene sulfonic acid	N	0.002	U
			03/21/16	1-Naphthalene sulfonic acid	N	0.002	U
			01/19/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			03/21/16	2,6-Naphthalene disulfonic acid	N	0.002	U
			01/19/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			03/21/16	2,7-Naphthalene disulfonic acid	N	0.002	U
			01/19/16	2-Naphthalene sulfonic acid	N	0.002	U
			03/21/16	2-Naphthalene sulfonic acid	N	0.002	U
			01/19/16	Bromide	Y	0.028	—
			03/21/16	Bromide	Y	0.028	—

Notes: Colored shading identifies the tracers introduced into groundwater wells R-25b, CdV-9-1(i) (S1, piezometer 1, and piezometer 2), and CdV-16-1(i). Specifically, green shading identifies tracers introduced into CdV-9-1(i) piezometer 2, blue shading identifies tracers introduced into CdV-9-1(i) piezometer 1, and orange shading identifies tracers introduced into the well/well screen shown in column 1.

[a] — = Not qualified.

[b] U = Not detected. The numerical value associated with a U-qualified result is the method detection limit.