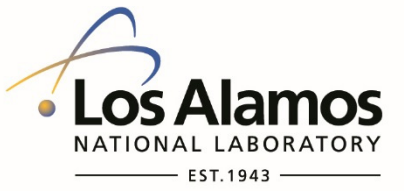
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Periodic Monitoring Report for Technical Area 16 260 Monitoring Group, Fourth Quarter, Monitoring Year 2015



Prepared by the Environmental Programs Directorate

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EP2015-0190

Periodic Monitoring Report for Technical Area 16 260 Monitoring Group, Fourth Quarter, Monitoring Year 2015

November 2015

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the monitoring year 2015, fourth quarter, periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Technical Area 16 260 monitoring group. This PME was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from July 15 to July 29, 2015, and included the monitoring of groundwater wells or well screens, springs, and surface-water locations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

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

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

One result from groundwater samples collected before this PME and reported in this PMR was above screening levels. Ten 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
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.)
EPA	Environmental Protection Agency (U.S.)
ESH	Environment, Safety, and Health (Directorate)
F	filtered
gpm	gallons per minute
HE	high explosives
HMX	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDL	method detection limit
N	no (best value flag code)
NMED	New Mexico Environment Department
NM HH OO	human health organism only, New Mexico surface-water standards.
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PMR	periodic monitoring report
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
SOP	standard operating procedure
TA	technical area
TNT	2,4,6-trinitrotoluene
UF	unfiltered
VOC	volatile organic compound
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of monitoring year 2015, fourth quarter, semiannual groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Technical Area 16 (TA-16) 260 monitoring group. Monitoring was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015 (2015 IFGMP) (LANL 2014, 256728), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from July 15 to July 29, 2015, and included sampling of groundwater wells or well screens, springs, and surface-water locations. Two sampling locations from the Water Canyon watershed portion of the General Surveillance monitoring group are 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 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 2015 IFGMP (LANL 2014, 256728).

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 2015 IFGMP (LANL 2014, 256728).

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. Base-flow measurements are shown graphically in Figure 3.3-1.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the fieldwork deviations from the planned scope of the PME. Table 3.4-2 presents a list of analytes for which the method detection limits (MDLs) are greater than screening levels. 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 for which the MDLs are now 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 2015 IFGMP (LANL 2014, 256728). Purge water is managed and characterized in accordance with the waste characterization strategy form associated with the well and ENV-RCRA-QP-010.3, Land Application of Groundwater. ENV-RCRA-QP-010.3 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling of purge water.

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

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

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

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

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

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

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

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

4.2 Analytical Data

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

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

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

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

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

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

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral (Table 4.2-2). Along with a hardness value, this category determines the screening levels used for data at each monitoring location. Hardness-dependent screening levels used to screen data at each base-flow monitoring location are determined using the geometric mean of hardness data (mg/L as calcium carbonate) collected from 2006 to 2010 at each location (Table 4.2-2). Hardness-dependent acute and chronic criteria were used for total aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code (NMAC) 6.4.900.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.
- Other groundwater data are screened to groundwater cleanup levels described in Section VIII.A.1 of the Consent Order; for an individual substance, the lesser of the EPA MCL or the NMWQCC groundwater standard is used.
- If an NMWQCC standard or an MCL has not been established for a specific substance for which toxicological information is published, the EPA regional screening levels for tap water (formerly Region 6 screening levels for tap water) are used as the groundwater cleanup level. These screening levels are for either a cancer- or noncancer-risk type. The Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels are for 10^{-6} excess cancer risk, so 10 times the EPA 10^{-6} screening levels are used for screening. This report was prepared using the June 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.

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.

Figure 4.2-1 shows 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.

4.2.1 Surface Water (Base Flow)

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

4.2.2 Groundwater

For the May 21, 2015, sampling event at intermediate groundwater well CDV-9-1(i), the RDX concentration was 37.3 µg/L, above the 7-µg/L EPA tap water screening level. For the current PME on July 15, 2015, the concentration was 25 µg/L, also above the screening level. These are the first two sampling events for the new well conducted under the approved 2015 IFGMP.

For the current PME, the RDX concentration at Cañon de Valle alluvial well CDV-16-02659 was 10.8 µg/L, above the EPA tap water screening level of 7 µg/L. The range of previous concentrations since April 2006 is 2.63 µg/L to 34.3 µg/L.

The RDX concentrations in four intermediate wells and two springs were above the EPA tap water screening level of 7 µg/L. The RDX result for CDV-16-4ip S1 (screen 1) was 122 µg/L. The RDX results from CdV-16-4ip S1 since August 2010 range from 120 µg/L to 265 µg/L. In intermediate well CdV-16-1(i), the current RDX result of 28.5 µg/L is within the range of concentrations since 2005 of 22.2 µg/L to 32.4 µg/L. At intermediate well CdV-16-2(i)r, the current result of 93.1 µg/L is the third highest reported since August 2014. The range of previous concentrations since 2006 is 48.4 µg/L to 103 µg/L. The RDX concentration at intermediate well 16-26644 was 49.3 µg/L. Since 2011, there have been two sample results that have exceeded the tap water screening standard; the range of previous concentrations since 2011 is 1.42 µg/L to 35.4 µg/L. At intermediate groundwater location Burning Ground Spring, the current RDX result of 51.1 µg/L is within the range of concentrations since 2000 of 4.59 µg/L to 51.3 µg/L (with one value of 100 µg/L). The RDX concentration from Martin Spring of 53.7 µg/L is within the range of concentrations since 2000 of 3.54 µg/L to 230 µg/L.

The filtered boron concentration of 892 µg/L from intermediate groundwater location Martin Spring was above the 750-µg/L NMWQCC groundwater standard screening level (for irrigation use). The boron concentrations in samples taken at Martin Spring since 1997 range from 570 µg/L to 2840 µg/L.

At regional groundwater well CdV-R-37-2 S2, chloroform was detected at 90.9 µg/L, above the 80-µg/L EPA MCL. Historically, there have been only two detections of chloroform at very low concentrations (<1 parts per billion) at other locations in the TA-16 260 monitoring group.

4.3 Sampling Program Modifications

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

5.0 SUMMARY AND INTERPRETATIONS

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

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

5.2.2 Groundwater

One result collected before the current PME was above applicable screening levels. Ten 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 one exception. The chloroform concentration at CdV-R-37-2 S2 is the only detected result reported to date.

5.3 Data Gaps

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

5.4 Remediation System Monitoring

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

6.0 REFERENCES

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID or ESH ID. This information is also included in text citations. ER IDs were assigned by the Environmental Programs Directorate's Records Processing Facility (IDs through 599999), and ESH IDs are assigned by the Environment, Safety, and Health (ESH) Directorate (IDs 600000 and above). IDs are used to locate documents in the Laboratory's Electronic Document Management System and, where applicable, in the master reference set.

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

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

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

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

LANL (Los Alamos National Laboratory), May 2014. "Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015," Los Alamos National Laboratory document LA-UR-14-23327, Los Alamos, New Mexico. (LANL 2014, 256728)

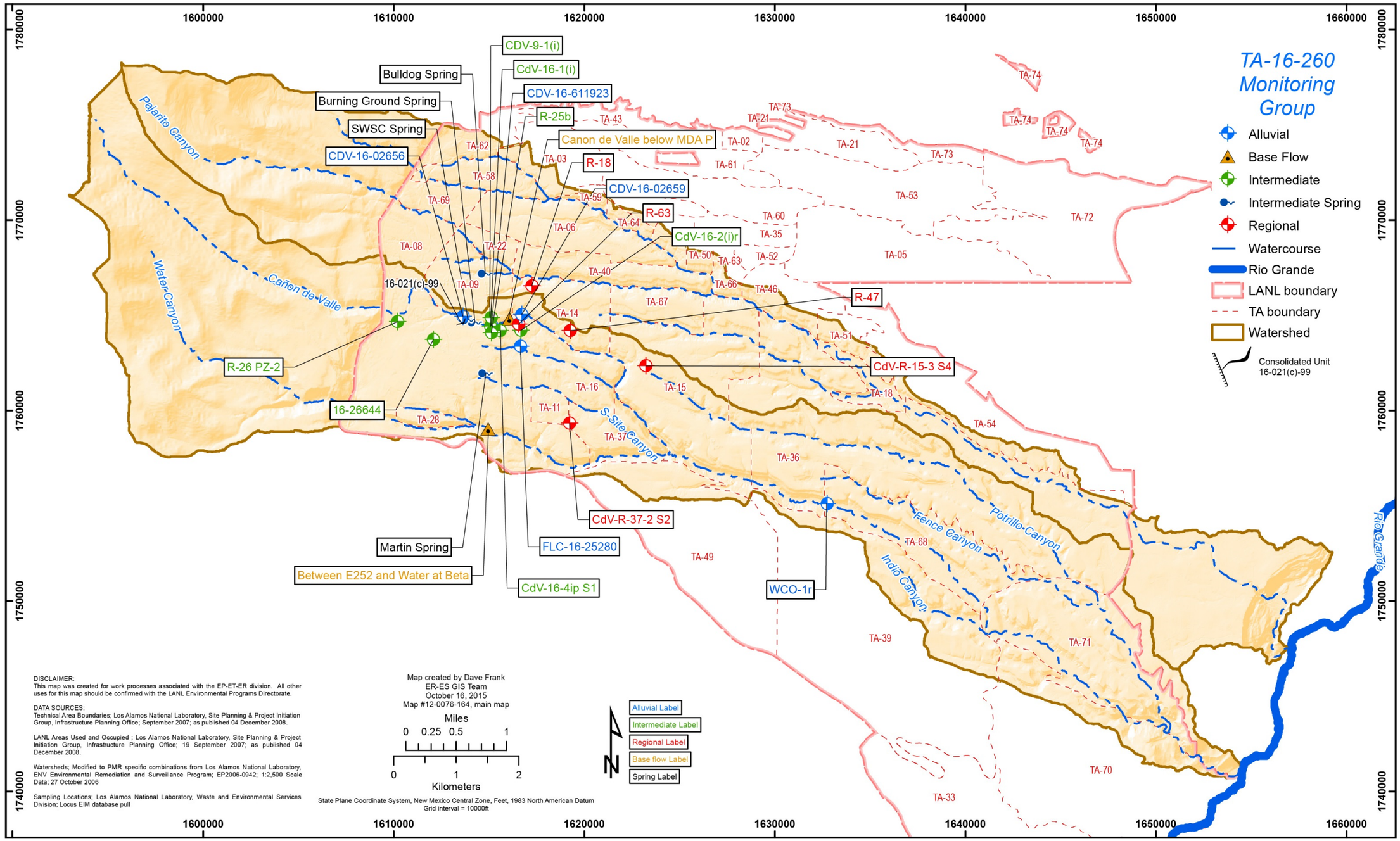


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 3.4-1)

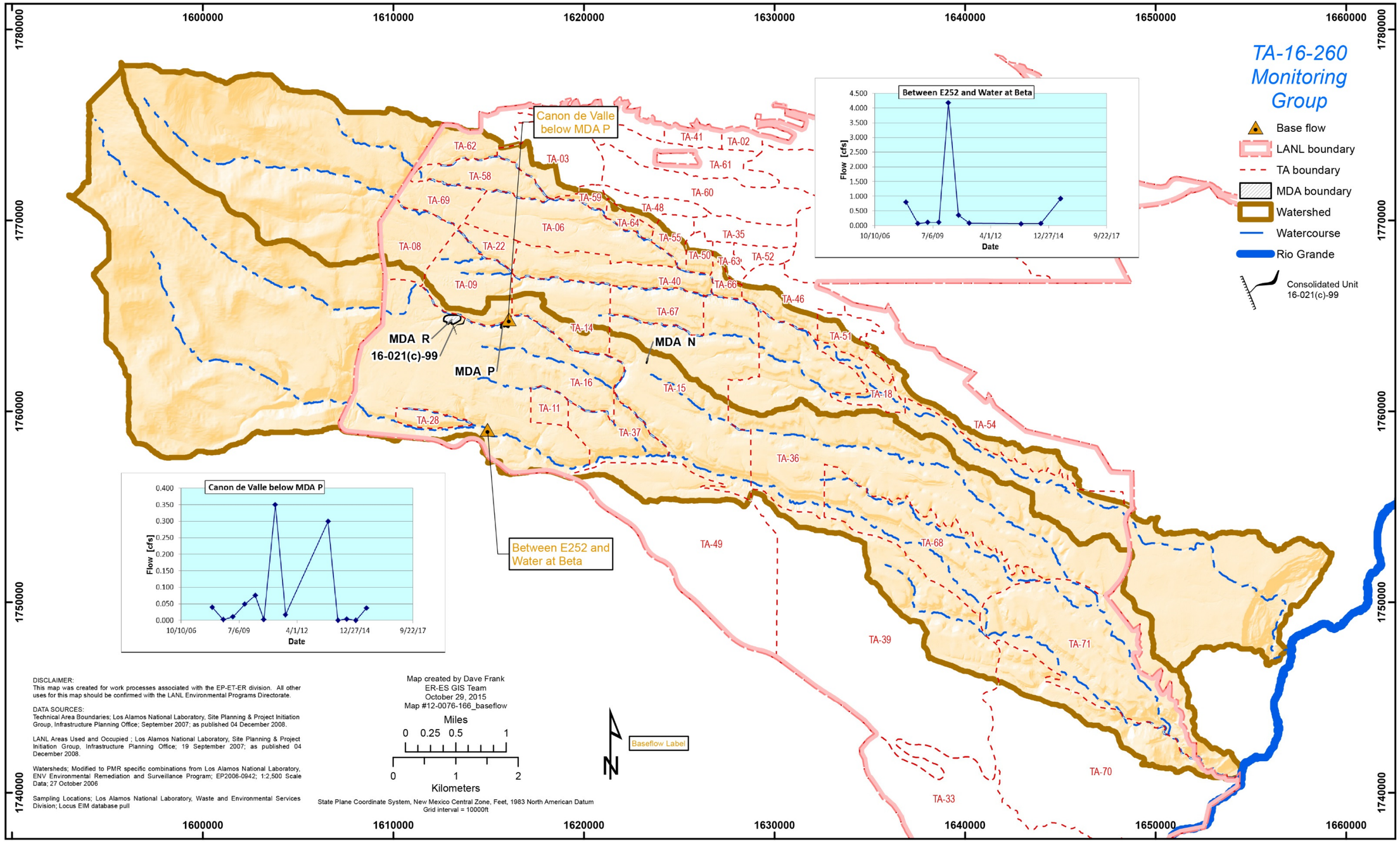


Figure 3.3-1 Base-flow measurements

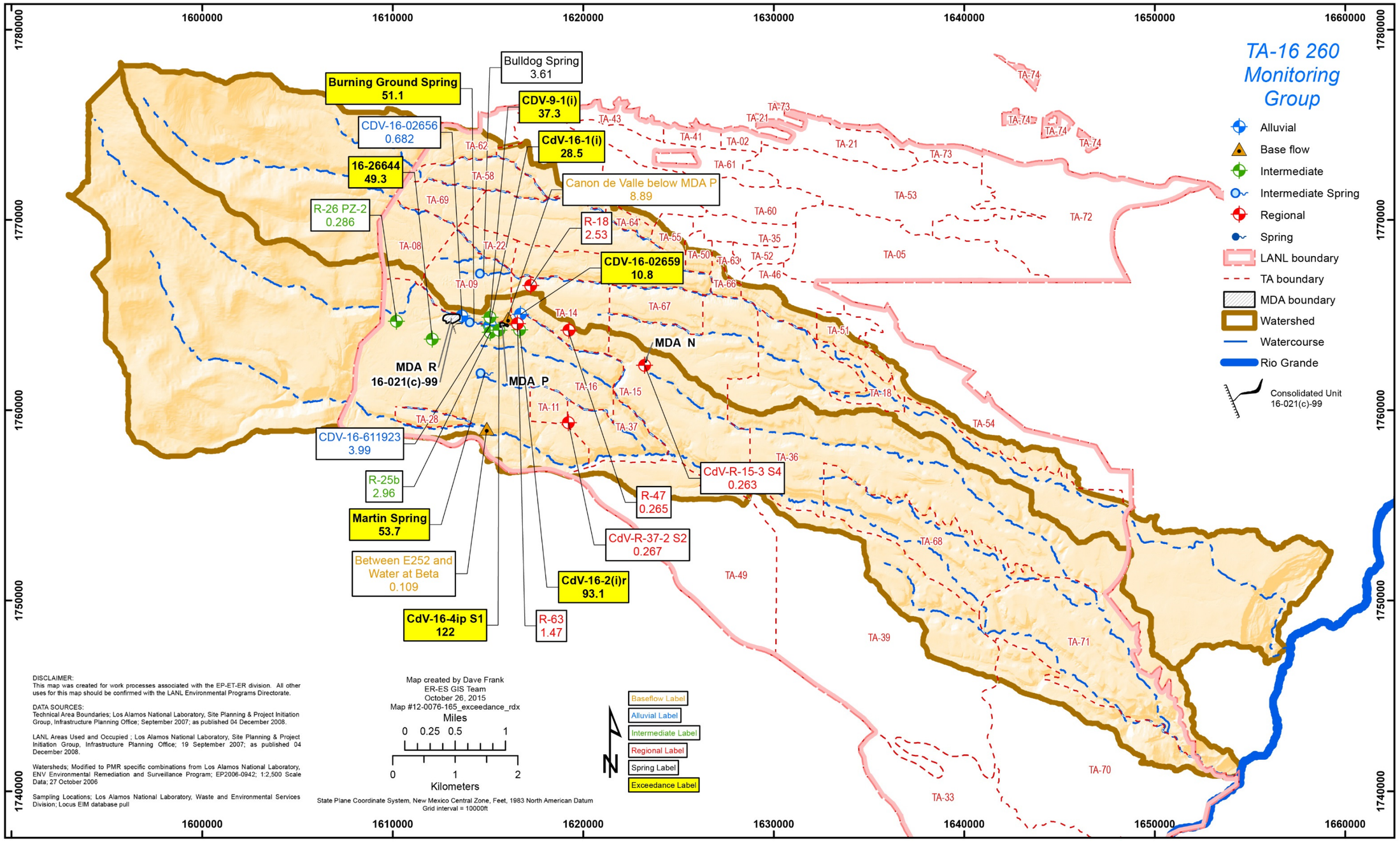


Figure 4.2-1 Monitoring group unfiltered RDX concentrations in µg/L. The EPA tap water screening level is 7 µg/L.

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

Location Name	Sample Collection Date	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
Alluvial							
CDV-16-02656	07/23/15	5	3	8	0.77	2.3	0.14
CDV-16-02659	07/20/15	5	1.7	6.7	1.85	1.93	0.066
CDV-16-611923	07/22/15	5	3.2	8.2	0.69	2.1	0.15
FLC-16-25280	n/a[b]	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	07/20/15	15	130	145	1.83	11.5	0.6
CdV-16-1(i)	07/27/15	10	624	634	58.66	180	1.02
CdV-16-2(i)r	07/17/15	9.7	850	859.7	27.2	84.39	2.91
CDV-16-4ip S1	07/16/15	63.6	815.6	879.2	85.99	259	1.76
CDV-9-1(i)	07/15/15	55	937.4	992.4	81.1	250	2.17
R-25b	07/28/15	20.8	750	770.8	25.25	38	0.38
R-26 PZ-2	07/21/15	30	150	180	0.41	0.41	n/a
Regional							
CdV-R-15-3 S4	07/17/15	43.8	1235.1	1278.9	44.81	140.7	6.67
CdV-R-37-2 S2	07/21/15	25.1	1188.7	1213.8	29.15	1050	3.75
R-18	07/29/15	23	1358	1381	96.21	293.48	6.67
R-47	07/29/15	21.3	1322	1343.3	51.46	156.56	4.12
R-63	07/16/15	20.3	1325	1345.3	104.3	314.76	7.32
Intermediate Spring							
Bulldog Spring	07/16/15	n/a	n/a	n/a	n/a	n/a	5.72
Burning Ground Spring	07/22/15	n/a	n/a	n/a	n/a	n/a	12.48
Martin Spring	07/23/15	n/a	n/a	n/a	n/a	n/a	4.99
SWSC Spring	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Base Flow							
Between E252 and Water at Beta[c]	07/24/15	n/a	n/a	n/a	n/a	n/a	411.80
Canon de Valle below MDA P	07/17/15	n/a	n/a	n/a	n/a	n/a	17.06

[a] gpm = Gallons per minute.

[b] n/a = Not applicable.

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

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 was dry.	This location will be sampled during the next scheduled PME.
R-26 PZ-2	A prioritized sampling suite was collected.	A limited volume of sample was collected.	HE and VOCs were sampled according to the prioritized sampling suite for the monitoring group.
SWSC Spring	A sample was not collected.	The location was dry.	This location will be sampled during the next scheduled PME.
WCO-1r	A sample was not collected.	The location was dry.	This location will be sampled during the next scheduled PME.
CDV-9-1(i)	There are no water-level measurements prior to sampling at this well location.	The transducer was not installed in the well until August 6, 2015.	Water levels will be provided during the next scheduled PME.

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	0.00672–0.00679	SW-846:8081B	0.0029	µg/L	NM HH OO[a]	GELC[b]
Semivolatile Organic Compounds						
Atrazine	3.03–3.06	SW-846:8270D	3	µg/L	EPA MCL	GELC
Azobenzene	1.5–3.06	SW-846:8270D	1.2	µg/L	EPA TAP SCRN LVL[c]	GELC
Benzidine	0.847–3.98	SW-846:8270DGCMS_SIM, SW-846:8270D	0.0011–0.002	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Benzo(a)anthracene	0.3–0.306	SW-846:8270D	0.12	µg/L	EPA TAP SCRN LVL	GELC
Benzo(a)pyrene	0.3–0.306	SW-846:8270D	0.2	µg/L	EPA MCL	GELC
Bis(2-chloroethyl)ether	1.5–3.06	SW-846:8270D	0.14	µg/L	EPA TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.3–0.306	SW-846:8270D	0.034	µg/L	EPA TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	1.5–3.06	SW-846:8270D	0.28–1.2	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Dinitro-2-methylphenol[4,6-]	1.55–3.06	SW-846:8270D	1.5	µg/L	EPA TAP SCRN LVL	GELC
Hexachlorobenzene	1.5–3.06	SW-846:8270D	0.0029–1	µg/L	EPA MCL, NM HH 00	GELC
Nitrosodiethylamine[N-]	0.0309–3.06	SW-846:8270DGCMS_SIM, SW-846:8270D	0.0017	µg/L	EPA TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	0.0722–3.06	SW-846:8270DGCMS_SIM, SW-846:8270D	0.00112	µg/L	EPA TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	0.0309–3.06	SW-846:8270DGCMS_SIM, SW-846:8270D	0.027	µg/L	EPA TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	1.5–3.06	SW-846:8270D	0.11	µg/L	EPA TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	1.5–3.06	SW-846:8270D	0.37	µg/L	EPA TAP SCRN LVL	GELC
Pentachlorophenol	3–3.06	SW-846:8270D	1	µg/L	EPA MCL	GELC
Volatile Organic Compounds						
Acrolein	0.5–1.5	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

Table 3.4-2 (continued)

Analyte Name	MDL	Analytical Method	Screening Level	Unit	Screening-Level Type	Lab ID
Dibromoethane[1,2-]	0.3	SW-846:8260B	0.05	µg/L	EPA MCL	GELC
Trichloropropane[1,2,3-]	0.0194–0.3	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	0.0859–0.0926	SW-846:8081B, SW-846:8270D	1–15	µg/L	EPA MCL, NMWQCC Aqu Chronic[a]	GELC[b]
Pesticides and PCBs						
Hexachlorobenzene	0.00658–0.00679	SW-846:8270D	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	0.0306–0.155	SW-846:8270DGCMS_SIM, SW-846:8270D	0.12–0.18	µg/L	EPA TAP SCRN LVL[c], NM HH OO[d]	GELC
Benzo(a)pyrene	0.0306–0.155	SW-846:8270D, SW-846:8270DGCMS_SIM	0.18–0.2	µg/L	EPA MCL, NM HH OO	GELC
Benzo(b)fluoranthene	0.0306–0.306	SW-846:8270D	0.18–0.34	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Bis(2-chloroethyl)ether	0.0306–1.55	SW-846:8270D	0.14–5.3	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Dibenz(a,h)anthracene	0.0306–0.155	SW-846:8270D	0.034–0.18	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Dichlorobenzidine[3,3'-]	0.0398–0.0411	SW-846:8270D	0.28–1.2	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Dinitro-2-methylphenol[4,6-]	1.5–1.55	SW-846:8270D	1.5–280	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
Indeno(1,2,3-cd)pyrene	0.0306–0.306	SW-846:8270D, SW-846:8270DGCMS_SIM	0.18–0.34	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Nitrosodimethylamine[N-]	0.0714–1.55	SW-846:8270D, SW-846:8270DGCMS_SIM	30	µg/L	NM HH OO	GELC
Nitroso-di-n-propylamine[N-]	0.0306–1.55	SW-846:8270D, SW-846:8270DGCMS_SIM	0.11–5.1	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Nitrosopyrrolidine[N-]	0.0309–0.0316	SW-846:8270D	0.37	µg/L	EPA TAP SCRN LVL	GELC
Oxybis(1-chloropropane)[2,2'-]	1.5–3.06	SW-846:8270D	3.6–65000	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Pentachlorophenol	1.5–1.55	SW-846:8270D	15	µg/L	NMWQCC Aqu Chronic	GELC
Volatile Organic Compounds						
Acrolein	0.5–1.5	SW-846:8270D	9	µg/L	NM HH OO	GELC
Acrylonitrile	0.5–1	SW-846:8270D	0.52–2.5	µg/L	EPA TAP SCRN LVL, NM HH OO	GELC
Chloro-1,3-butadiene[2-]	0.1	SW-846:8270D	0.19	µg/L	EPA TAP SCRN LVL	GELC
Dibromo-3-Chloropropane[1,2-]	0.00917–0.00922	SW-846:8270D, SW-846:8260B	0.2	µg/L	EPA MCL	GELC
Dibromoethane[1,2-]	0.00917–0.00922	SW-846:8260B	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.

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

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

Standard Source	Standard Type	Groundwater	Surface Water
DOE Order 458.1	DOE BCGs	n/a[a]	X[b]
DOE Order 458.1	DOE 100-mrem Public Dose DCS	X	n/a
DOE Order 458.1	DOE 4-mrem Drinking Water DCS	X	n/a
40 CFR[c] 141	EPA Primary Drinking Water Standard	X	n/a
EPA Regional Screening Levels for Chemical Contaminants at Superfund Sites	EPA Regional Screening Levels for Tap Water	X	n/a
20 NMAC.3.4	New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
20 NMAC 6.2.3103	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[d,e]
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Standards Chronic	n/a	X[d,e]
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] Hardness-based standards for total recoverable aluminum and dissolved chromium(III) conservatively compared with results for total aluminum and dissolved chromium, respectively.

[e] 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

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
Alluvial Groundwater							
CDV-16-02659	07/20/15	RDX	UF[a]	10.8	µg/L	7	EPA TAP SCRN LVL[b]
Intermediate Groundwater							
CDV-9-1(i)	05/21/15	RDX	UF	37.3	µg/L	7	EPA TAP SCRN LVL
CDV-9-1(i)	07/15/15	RDX	UF	25	µg/L	7	EPA TAP SCRN LVL
CdV-16-4ip S1	07/17/15	RDX	UF	122	µg/L	7	EPA TAP SCRN LVL
CdV-16-1(i)	07/27/15	RDX	UF	28.5	µg/L	7	EPA TAP SCRN LVL
CdV-16-2(i)r	07/17/15	RDX	UF	93.1	µg/L	7	EPA TAP SCRN LVL
16-26644	07/20/15	RDX	UF	49.3	µg/L	7	EPA TAP SCRN LVL
Intermediate Spring Groundwater							
Burning Ground Spring	07/22/15	RDX	UF	51.1	µg/L	7	EPA TAP SCRN LVL
Martin Spring	07/23/15	RDX	UF	53.7	µg/L	7	EPA TAP SCRN LVL
Martin Spring	07/23/15	Boron	F[c]	892	µg/L	750	NMWQCC GW STD[d]
Regional Groundwater							
CdV-R-37-2 S2	07/21/15	Chloroform	UF	90.9	µg/L	80	EPA MCL

[a] UF = Unfiltered.

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

[c] F = Filtered.

[d] 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	07/20/15	WG[a]	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	03/05/14	WG	Dissolved Oxygen	7.71	mg/L	CAWA-14-54732
16-26644	130	09/05/13	WG	Dissolved Oxygen	8.34	mg/L	CAWA-13-40699
16-26644	130	07/20/15	WG	Flow (in gpm[b])	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	03/05/14	WG	Flow (in gpm)	1	gpm	CAWA-14-54732
16-26644	130	01/13/12	WG	Flow (in gpm)	0.5	gpm	CAWA-12-1955
16-26644	130	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	03/05/14	WG	Oxidation-Reduction Potential	111.8	mV	CAWA-14-54732
16-26644	130	09/05/13	WG	Oxidation-Reduction Potential	118.9	mV	CAWA-13-40699
16-26644	130	07/20/15	WG	pH	5.9	SU[c]	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	03/05/14	WG	pH	6.96	SU	CAWA-14-54732
16-26644	130	09/05/13	WG	pH	7.03	SU	CAWA-13-40699
16-26644	130	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	03/05/14	WG	Specific Conductance	201	µS/cm	CAWA-14-54732
16-26644	130	09/05/13	WG	Specific Conductance	197	µS/cm	CAWA-13-40699
16-26644	130	07/20/15	WG	Temperature	13.01	deg C	CAWA-15-100827
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
16-26644	130	03/05/14	WG	Temperature	11.8	deg C	CAWA-14-54732
16-26644	130	09/05/13	WG	Temperature	11.88	deg C	CAWA-13-40699
16-26644	130	07/20/15	WG	Turbidity	3	NTU[d]	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
16-26644	130	03/05/14	WG	Turbidity	1.5	NTU	CAWA-14-54732
16-26644	130	09/05/13	WG	Turbidity	1.6	NTU	CAWA-13-40699
Between E252 and Water at Beta	—[e]	07/24/15	WG	Dissolved Oxygen	6.84	mg/L	CAWA-15-101757
Between E252 and Water at Beta	—	08/14/14	WS[f]	Dissolved Oxygen	7.45	mg/L	CAWA-14-84620
Between E252 and Water at Beta	—	09/06/13	WS	Dissolved Oxygen	7.66	mg/L	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Dissolved Oxygen	8.75	mg/L	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Dissolved Oxygen	7.8	mg/L	CAWA-10-25688
Between E252 and Water at Beta	—	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	—	04/01/11	WS	Flow (in gpm)	37.3	gpm	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Flow (in gpm)	161	gpm	CAWA-10-25688
Between E252 and Water at Beta	—	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	—	04/01/11	WS	pH	7.81	SU	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	pH	7.94	SU	CAWA-10-25688
Between E252 and Water at Beta	—	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	—	04/01/11	WS	Specific Conductance	127	µS/cm	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Specific Conductance	177	µS/cm	CAWA-10-25688
Between E252 and Water at Beta	—	07/24/15	WG	Temperature	21.31	deg C	CAWA-15-101757

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Between E252 and Water at Beta	—	08/14/14	WS	Temperature	18.22	deg C	CAWA-14-84620
Between E252 and Water at Beta	—	09/06/13	WS	Temperature	15.98	deg C	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Temperature	10.38	deg C	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Temperature	14.45	deg C	CAWA-10-25688
Between E252 and Water at Beta	—	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
Between E252 and Water at Beta	—	04/01/11	WS	Turbidity	21.2	NTU	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Turbidity	7.21	NTU	CAWA-10-25688
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	—	09/17/13	WG	Dissolved Oxygen	7.2	mg/L	CAWA-13-40700
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	—	10/08/10	WG	Flow (in gpm)	1.1	gpm	CAPA-10-26883
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	—	09/17/13	WG	pH	7.32	SU	CAWA-13-40700
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
Bulldog Spring	—	03/06/14	WG	Specific Conductance	204	µS/cm	CAPA-14-54776

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Bulldog Spring	—	09/17/13	WG	Specific Conductance	259	µS/cm	CAWA-13-40700
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	—	09/17/13	WG	Temperature	11.53	deg C	CAWA-13-40700
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
Bulldog Spring	—	09/17/13	WG	Turbidity	29.7	NTU	CAWA-13-40700
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	—	03/06/14	WG	Dissolved Oxygen	8.66	mg/L	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	Dissolved Oxygen	8.02	mg/L	CAWA-13-40701
Burning Ground Spring	—	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	—	03/06/14	WG	Flow (in gpm)	4.8	gpm	CAWA-14-54733
Burning Ground Spring	—	01/10/12	WG	Flow (in gpm)	3.85	gpm	CAWA-12-1934
Burning Ground Spring	—	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	—	03/06/14	WG	pH	7.7	SU	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	pH	7.13	SU	CAWA-13-40701
Burning Ground Spring	—	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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Burning Ground Spring	—	08/08/14	WG	Specific Conductance	239	µS/cm	CAWA-14-84587
Burning Ground Spring	—	03/06/14	WG	Specific Conductance	215	µS/cm	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	Specific Conductance	254	µS/cm	CAWA-13-40701
Burning Ground Spring	—	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	—	03/06/14	WG	Temperature	7.7	deg C	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	Temperature	11.54	deg C	CAWA-13-40701
Burning Ground Spring	—	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
Burning Ground Spring	—	03/06/14	WG	Turbidity	5.7	NTU	CAWA-14-54733
Burning Ground Spring	—	09/12/13	WG	Turbidity	14.3	NTU	CAWA-13-40701
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	—	09/20/13	WS	Dissolved Oxygen	7.08	mg/L	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Dissolved Oxygen	7.76	mg/L	CAWA-13-28848
Canon de Valle below MDA P	—	07/17/15	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	—	09/16/11	WS	Flow (in gpm)	7.93	gpm	CAWA-11-27044
Canon de Valle below MDA P	—	03/25/11	WS	Flow (in gpm)	0.35	gpm	CAWA-11-5389
Canon de Valle below MDA P	—	03/25/11	WS	Flow (in gpm)	157.1	gpm	CAWA-11-5389
Canon de Valle below MDA P	—	07/17/15	WS	pH	7.35	SU	CAWA-15-101759
Canon de Valle below MDA P	—	07/17/15	WS	pH	7.35	SU	CAWA-15-100830

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Canon de Valle below MDA P	—	08/08/14	WS	pH	7.43	SU	CAWA-14-84588
Canon de Valle below MDA P	—	03/10/14	WS	pH	7.72	SU	CAWA-14-54734
Canon de Valle below MDA P	—	09/20/13	WS	pH	7.67	SU	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	pH	6.72	SU	CAWA-13-28848
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	—	09/20/13	WS	Specific Conductance	290	µS/cm	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Specific Conductance	268	µS/cm	CAWA-13-28848
Canon de Valle below MDA P	—	07/17/15	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	—	09/20/13	WS	Temperature	17.09	deg C	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Temperature	4.71	deg C	CAWA-13-28848
Canon de Valle below MDA P	—	07/17/15	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
Canon de Valle below MDA P	—	09/20/13	WS	Turbidity	30.4	NTU	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Turbidity	11.7	NTU	CAWA-13-28848
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	03/14/14	WG	Dissolved Oxygen	7.61	mg/L	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	Dissolved Oxygen	0.83	mg/L	CAWA-13-40703
CDV-16-02656	3	07/23/15	WG	Flow (in gpm)	0.14	gpm	CAWA-15-100831

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	03/14/14	WG	Flow (in gpm)	0.07	gpm	CAWA-14-54735
CDV-16-02656	3	01/20/12	WG	Flow (in gpm)	0.08	gpm	CAWA-12-1938
CDV-16-02656	3	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	03/14/14	WG	Oxidation-Reduction Potential	192.3	mV	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	Oxidation-Reduction Potential	177	mV	CAWA-13-40703
CDV-16-02656	3	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	03/14/14	WG	pH	6.29	SU	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	pH	6.69	SU	CAWA-13-40703
CDV-16-02656	3	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	03/14/14	WG	Specific Conductance	209	µS/cm	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	Specific Conductance	346	µS/cm	CAWA-13-40703
CDV-16-02656	3	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	03/14/14	WG	Temperature	4.04	deg C	CAWA-14-54735
CDV-16-02656	3	09/05/13	WG	Temperature	16.07	deg C	CAWA-13-40703
CDV-16-02656	3	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
CDV-16-02656	3	03/14/14	WG	Turbidity	7.2	NTU	CAWA-14-54735

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02656	3	09/05/13	WG	Turbidity	4.8	NTU	CAWA-13-40703
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	03/10/14	WG	Dissolved Oxygen	7.51	mg/L	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Dissolved Oxygen	1.35	mg/L	CAWA-13-42025
CDV-16-02659	1.7	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	03/10/14	WG	Flow (in gpm)	0.07	gpm	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Flow (in gpm)	0.09	gpm	CAWA-13-42025
CDV-16-02659	1.7	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	03/10/14	WG	Oxidation-Reduction Potential	244.2	mV	CAWA-14-54736
CDV-16-02659	1.7	03/16/13	WG	Oxidation-Reduction Potential	244.9	mV	CAWA-13-28824
CDV-16-02659	1.7	07/20/15	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	03/10/14	WG	pH	6.27	SU	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	pH	5.85	SU	CAWA-13-42025
CDV-16-02659	1.7	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
CDV-16-02659	1.7	01/27/15	WG	Specific Conductance	260	µS/cm	CAWA-15-91326

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02659	1.7	08/05/14	WG	Specific Conductance	353	µS/cm	CAWA-14-84590
CDV-16-02659	1.7	03/10/14	WG	Specific Conductance	268	µS/cm	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Specific Conductance	344	µS/cm	CAWA-13-42025
CDV-16-02659	1.7	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	03/10/14	WG	Temperature	7.52	deg C	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Temperature	13.53	deg C	CAWA-13-42025
CDV-16-02659	1.7	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-16-02659	1.7	03/10/14	WG	Turbidity	3.4	NTU	CAWA-14-54736
CDV-16-02659	1.7	09/20/13	WG	Turbidity	8.3	NTU	CAWA-13-42025
CdV-16-1(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	03/20/14	WG	Dissolved Oxygen	5.78	mg/L	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Dissolved Oxygen	5.52	mg/L	CAWA-13-40705
CdV-16-1(i)	624	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	03/20/14	WG	Flow (in gpm)	1.5	gpm	CAWA-14-54737
CdV-16-1(i)	624	09/22/11	WG	Flow (in gpm)	1.15	gpm	CAWA-11-27954
CdV-16-1(i)	624	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
CdV-16-1(i)	624	08/20/14	WG	Oxidation-Reduction Potential	184	mV	CAWA-14-84591

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	624	03/20/14	WG	Oxidation-Reduction Potential	214.9	mV	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Oxidation-Reduction Potential	177.6	mV	CAWA-13-40705
CdV-16-1(i)	624	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	03/20/14	WG	pH	6.76	SU	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	pH	6.78	SU	CAWA-13-40705
CdV-16-1(i)	624	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	03/20/14	WG	Specific Conductance	174	µS/cm	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Specific Conductance	172	µS/cm	CAWA-13-40705
CdV-16-1(i)	624	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	03/20/14	WG	Temperature	11.17	deg C	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Temperature	14.3	deg C	CAWA-13-40705
CdV-16-1(i)	624	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-16-1(i)	624	03/20/14	WG	Turbidity	1	NTU	CAWA-14-54737
CdV-16-1(i)	624	09/11/13	WG	Turbidity	6.8	NTU	CAWA-13-40705
CdV-16-2(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	03/03/14	WG	Dissolved Oxygen	6.45	mg/L	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Dissolved Oxygen	6.21	mg/L	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Dissolved Oxygen	6.33	mg/L	CAWA-13-41318

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	03/03/14	WG	Flow (in gpm)	2.9	gpm	CAWA-14-54738
CdV-16-2(i)r	850	01/18/12	WG	Flow (in gpm)	2.9	gpm	CAWA-12-1961
CdV-16-2(i)r	850	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	03/03/14	WG	Oxidation-Reduction Potential	160	mV	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Oxidation-Reduction Potential	175.2	mV	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Oxidation-Reduction Potential	167	mV	CAWA-13-41318
CdV-16-2(i)r	850	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	03/03/14	WG	pH	7.08	SU	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	pH	6.95	SU	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	pH	7.02	SU	CAWA-13-41318
CdV-16-2(i)r	850	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	03/03/14	WG	Specific Conductance	126	µS/cm	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Specific Conductance	126	µS/cm	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Specific Conductance	125	µS/cm	CAWA-13-41318
CdV-16-2(i)r	850	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	03/03/14	WG	Temperature	12.12	deg C	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Temperature	12.05	deg C	CAWA-13-41316

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-2(i)r	850	09/04/13	WG	Temperature	13.5	deg C	CAWA-13-41318
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
CdV-16-2(i)r	850	03/03/14	WG	Turbidity	0.8	NTU	CAWA-14-54738
CdV-16-2(i)r	850	09/04/13	WG	Turbidity	0	NTU	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Turbidity	1.04	NTU	CAWA-13-41318
CDV-16-4ip 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	05/16/14	WG	Dissolved Oxygen	7.01	mg/L	CAWA-14-77942
CDV-16-4ip S1	815.6	03/17/14	WG	Dissolved Oxygen	7.19	mg/L	CAWA-14-54739
CDV-16-4ip S1	815.6	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	05/16/14	WG	Flow (in gpm)	9.1	gpm	CAWA-14-77942
CDV-16-4ip S1	815.6	03/17/14	WG	Flow (in gpm)	9.4	gpm	CAWA-14-54739
CDV-16-4ip S1	815.6	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	05/16/14	WG	Oxidation-Reduction Potential	58	mV	CAWA-14-77942
CDV-16-4ip S1	815.6	03/17/14	WG	Oxidation-Reduction Potential	190.1	mV	CAWA-14-54739
CDV-16-4ip S1	815.6	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	05/16/14	WG	pH	6.85	SU	CAWA-14-77942
CDV-16-4ip S1	815.6	03/17/14	WG	pH	6.84	SU	CAWA-14-54739
CDV-16-4ip S1	815.6	07/17/15	WG	Specific Conductance	134	µS/cm	CAWA-15-100835

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	05/16/14	WG	Specific Conductance	128	µS/cm	CAWA-14-77942
CDV-16-4ip S1	815.6	03/17/14	WG	Specific Conductance	120	µS/cm	CAWA-14-54739
CDV-16-4ip S1	815.6	07/17/15	WG	Temperature	17.85	deg C	CAWA-15-100835
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	05/16/14	WG	Temperature	12.72	deg C	CAWA-14-77942
CDV-16-4ip S1	815.6	03/17/14	WG	Temperature	11.53	deg C	CAWA-14-54739
CDV-16-4ip S1	815.6	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-16-4ip S1	815.6	05/16/14	WG	Turbidity	1.6	NTU	CAWA-14-77942
CDV-16-4ip S1	815.6	03/17/14	WG	Turbidity	1	NTU	CAWA-14-54739
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	03/13/14	WG	Dissolved Oxygen	3.14	mg/L	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	Dissolved Oxygen	2.77	mg/L	CAWA-13-28828
CDV-16-611923	3.2	07/22/15	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	03/13/14	WG	Flow (in gpm)	0.14	GPM	CAWA-14-54740
CDV-16-611923	3.2	01/25/12	WG	Flow (in gpm)	0.17	GPM	CAWA-12-1942
CDV-16-611923	3.2	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	03/13/14	WG	Oxidation-Reduction Potential	129.9	mV	CAWA-14-54740

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-611923	3.2	03/25/13	WG	Oxidation-Reduction Potential	30.4	mV	CAWA-13-28828
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	03/13/14	WG	pH	6.37	SU	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	pH	6.75	SU	CAWA-13-28828
CDV-16-611923	3.2	07/22/15	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	03/13/14	WG	Specific Conductance	270	µS/cm	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	Specific Conductance	292	µS/cm	CAWA-13-28828
CDV-16-611923	3.2	07/22/15	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	03/13/14	WG	Temperature	3.87	deg C	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	Temperature	3.58	deg C	CAWA-13-28828
CDV-16-611923	3.2	07/22/15	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-16-611923	3.2	03/13/14	WG	Turbidity	8.5	NTU	CAWA-14-54740
CDV-16-611923	3.2	03/25/13	WG	Turbidity	5.8	NTU	CAWA-13-28828
CDV-9-1(i)	937.4	07/15/15	WG	Dissolved Oxygen	5.72	mg/L	CAWA-15-101766
CDV-9-1(i)	937.4	05/21/15	WG	Dissolved Oxygen	5.29	mg/L	CAWA-15-95849
CDV-9-1(i)	937.4	07/15/15	WG	Flow (in gpm)	2.17	gpm	CAWA-15-101766
CDV-9-1(i)	937.4	05/21/15	WG	Flow (in gpm)	2.2	gpm	CAWA-15-95849
CDV-9-1(i)	937.4	07/15/15	WG	Oxidation-Reduction Potential	84.9	mV	CAWA-15-101766
CDV-9-1(i)	937.4	05/21/15	WG	Oxidation-Reduction Potential	115.7	mV	CAWA-15-95849
CDV-9-1(i)	937.4	07/15/15	WG	pH	7.05	SU	CAWA-15-101766

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-9-1(i)	937.4	05/21/15	WG	pH	7.02	SU	CAWA-15-95849
CDV-9-1(i)	937.4	07/15/15	WG	Specific Conductance	187	µS/cm	CAWA-15-101766
CDV-9-1(i)	937.4	05/21/15	WG	Specific Conductance	170	µS/cm	CAWA-15-95849
CDV-9-1(i)	937.4	07/15/15	WG	Temperature	13.45	deg C	CAWA-15-101766
CDV-9-1(i)	937.4	05/21/15	WG	Temperature	12.76	deg C	CAWA-15-95849
CDV-9-1(i)	937.4	07/15/15	WG	Turbidity	3.9	NTU	CAWA-15-101766
CDV-9-1(i)	937.4	05/21/15	WG	Turbidity	7.8	NTU	CAWA-15-95849
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	03/18/14	WG	Dissolved Oxygen	6.64	mg/L	CAWA-14-54742
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	03/18/14	WG	Flow (in gpm)	6.24	gpm	CAWA-14-54742
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
CdV-R-15-3 S4	1235.1	05/16/14	WG	Oxidation-Reduction Potential	22	mV	CAWA-14-77943
CdV-R-15-3 S4	1235.1	03/18/14	WG	Oxidation-Reduction Potential	163	mV	CAWA-14-54742
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	pH	8.35	SU	CAWA-14-54742
CdV-R-15-3 S4	1235.1	07/17/15	WG	Specific Conductance	132	µS/cm	CAWA-15-100838

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	03/18/14	WG	Specific Conductance	128	µS/cm	CAWA-14-54742
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	03/18/14	WG	Temperature	15.64	deg C	CAWA-14-54742
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
CdV-R-15-3 S4	1235.1	03/18/14	WG	Turbidity	3.7	NTU	CAWA-14-54742
CdV-R-37-2 S2	1188.7	07/21/15	WG	Dissolved Oxygen	4.64	mg/L	CAWA-15-101768
CdV-R-37-2 S2	1188.7	05/13/15	WG	Dissolved Oxygen	3.52	mg/L	CAWA-15-95850
CdV-R-37-2 S2	1188.7	01/21/15	WG	Dissolved Oxygen	4.62	mg/L	CAWA-15-91334
CdV-R-37-2 S2	1188.7	11/18/14	WG	Dissolved Oxygen	4.09	mg/L	CAWA-15-90397
CdV-R-37-2 S2	1188.7	08/14/14	WG	Dissolved Oxygen	4.23	mg/L	CAWA-14-84596
CdV-R-37-2 S2	1188.7	07/21/15	WG	Flow (in gpm)	3.75	gpm	CAWA-15-101768
CdV-R-37-2 S2	1188.7	05/13/15	WG	Flow (in gpm)	4.7	gpm	CAWA-15-95850
CdV-R-37-2 S2	1188.7	01/21/15	WG	Flow (in gpm)	3.49	gpm	CAWA-15-91334
CdV-R-37-2 S2	1188.7	11/18/14	WG	Flow (in gpm)	3.95	gpm	CAWA-15-90397
CdV-R-37-2 S2	1188.7	08/14/14	WG	Flow (in gpm)	3.89	gpm	CAWA-14-84596
CdV-R-37-2 S2	1188.7	07/21/15	WG	Oxidation-Reduction Potential	-71.6	mV	CAWA-15-101768
CdV-R-37-2 S2	1188.7	05/13/15	WG	Oxidation-Reduction Potential	-52.7	mV	CAWA-15-95850
CdV-R-37-2 S2	1188.7	01/21/15	WG	Oxidation-Reduction Potential	-9.7	mV	CAWA-15-91334
CdV-R-37-2 S2	1188.7	11/18/14	WG	Oxidation-Reduction Potential	-31.6	mV	CAWA-15-90397

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-37-2 S2	1188.7	08/14/14	WG	Oxidation-Reduction Potential	-7.7	mV	CAWA-14-84596
CdV-R-37-2 S2	1188.7	07/21/15	WG	pH	7.61	SU	CAWA-15-101768
CdV-R-37-2 S2	1188.7	05/13/15	WG	pH	7.49	SU	CAWA-15-95850
CdV-R-37-2 S2	1188.7	01/21/15	WG	pH	7.52	SU	CAWA-15-91334
CdV-R-37-2 S2	1188.7	11/18/14	WG	pH	7.27	SU	CAWA-15-90397
CdV-R-37-2 S2	1188.7	08/14/14	WG	pH	7.61	SU	CAWA-14-84596
CdV-R-37-2 S2	1188.7	07/21/15	WG	Specific Conductance	0.118	µS/cm	CAWA-15-101768
CdV-R-37-2 S2	1188.7	05/13/15	WG	Specific Conductance	115	µS/cm	CAWA-15-95850
CdV-R-37-2 S2	1188.7	01/21/15	WG	Specific Conductance	118	µS/cm	CAWA-15-91334
CdV-R-37-2 S2	1188.7	11/18/14	WG	Specific Conductance	118	µS/cm	CAWA-15-90397
CdV-R-37-2 S2	1188.7	08/14/14	WG	Specific Conductance	212	µS/cm	CAWA-14-84596
CdV-R-37-2 S2	1188.7	07/21/15	WG	Temperature	24.09	deg C	CAWA-15-101768
CdV-R-37-2 S2	1188.7	05/13/15	WG	Temperature	21.7	deg C	CAWA-15-95850
CdV-R-37-2 S2	1188.7	01/21/15	WG	Temperature	17.29	deg C	CAWA-15-91334
CdV-R-37-2 S2	1188.7	11/18/14	WG	Temperature	17.29	deg C	CAWA-15-90397
CdV-R-37-2 S2	1188.7	08/14/14	WG	Temperature	19.56	deg C	CAWA-14-84596
CdV-R-37-2 S2	1188.7	07/21/15	WG	Turbidity	0.57	NTU	CAWA-15-101768
CdV-R-37-2 S2	1188.7	05/13/15	WG	Turbidity	0.33	NTU	CAWA-15-95850
CdV-R-37-2 S2	1188.7	01/21/15	WG	Turbidity	1.2	NTU	CAWA-15-91334
CdV-R-37-2 S2	1188.7	11/18/14	WG	Turbidity	0.76	NTU	CAWA-15-90397
CdV-R-37-2 S2	1188.7	08/14/14	WG	Turbidity	0.62	NTU	CAWA-14-84596
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	—	03/06/14	WG	Dissolved Oxygen	7.38	mg/L	CAWA-14-54745
Martin Spring	—	09/17/13	WG	Dissolved Oxygen	6.1	mg/L	CAWA-13-40710
Martin Spring	—	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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Martin Spring	—	08/13/14	WG	Flow (in gpm)	1.6	gpm	CAWA-14-84598
Martin Spring	—	03/06/14	WG	Flow (in gpm)	1.37	gpm	CAWA-14-54745
Martin Spring	—	01/18/12	WG	Flow (in gpm)	1.5	gpm	CAWA-12-1930
Martin Spring	—	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	—	03/06/14	WG	pH	6.9	SU	CAWA-14-54745
Martin Spring	—	09/17/13	WG	pH	6.85	SU	CAWA-13-40710
Martin Spring	—	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	—	03/06/14	WG	Specific Conductance	345	µS/cm	CAWA-14-54745
Martin Spring	—	09/17/13	WG	Specific Conductance	243	µS/cm	CAWA-13-40710
Martin Spring	—	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	—	03/06/14	WG	Temperature	9.6	deg C	CAWA-14-54745
Martin Spring	—	09/17/13	WG	Temperature	10.97	deg C	CAWA-13-40710
Martin Spring	—	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
Martin Spring	—	03/06/14	WG	Turbidity	13.4	NTU	CAWA-14-54745
Martin Spring	—	09/17/13	WG	Turbidity	65.9	NTU	CAWA-13-40710
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	11/20/14	WG	Dissolved Oxygen	5.56	mg/L	CAPA-15-90312
R-18	1358	08/11/14	WG	Dissolved Oxygen	5.61	mg/L	CAPA-14-84559

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	11/20/14	WG	Flow (in gpm)	6.67	gpm	CAPA-15-90312
R-18	1358	08/11/14	WG	Flow (in gpm)	6.52	gpm	CAPA-14-84559
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	11/20/14	WG	Oxidation-Reduction Potential	117.2	mV	CAPA-15-90312
R-18	1358	08/11/14	WG	Oxidation-Reduction Potential	107.8	mV	CAPA-14-84559
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
R-18	1358	01/23/15	WG	pH	7.7	SU	CAPA-15-91482
R-18	1358	11/20/14	WG	pH	7.28	SU	CAPA-15-90312
R-18	1358	08/11/14	WG	pH	7.49	SU	CAPA-14-84559
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	11/20/14	WG	Specific Conductance	115	µS/cm	CAPA-15-90312
R-18	1358	08/11/14	WG	Specific Conductance	116	µS/cm	CAPA-14-84559
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	11/20/14	WG	Temperature	15.57	deg C	CAPA-15-90312
R-18	1358	08/11/14	WG	Temperature	16	deg C	CAPA-14-84559
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-18	1358	11/20/14	WG	Turbidity	0.43	NTU	CAPA-15-90312
R-18	1358	08/11/14	WG	Turbidity	0.2	NTU	CAPA-14-84559
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	09/10/13	WG	Dissolved Oxygen	6.04	mg/L	CAWA-13-40732
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	01/23/12	WG	Flow (in gpm)	0.6	gpm	CAWA-12-1978
R-25b	750	07/28/15	WG	Oxidation-Reduction Potential	70.7	mV	CAWA-15-100842
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	09/10/13	WG	Oxidation-Reduction Potential	204.3	mV	CAWA-13-40732
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	09/10/13	WG	pH	7.25	SU	CAWA-13-40732
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	09/10/13	WG	Specific Conductance	131	µS/cm	CAWA-13-40732
R-25b	750	07/28/15	WG	Temperature	13.6	deg C	CAWA-15-100842

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	09/10/13	WG	Temperature	10.47	deg C	CAWA-13-40732
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-25b	750	09/10/13	WG	Turbidity	3.2	NTU	CAWA-13-40732
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
R-26 PZ-2	150	03/11/14	WG	Dissolved Oxygen	8.16	mg/L	CAWA-14-54748
R-26 PZ-2	150	09/04/13	WG	Dissolved Oxygen	7.03	mg/L	CAWA-13-40715
R-26 PZ-2	150	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	03/11/14	WG	Oxidation-Reduction Potential	190.3	mV	CAWA-14-54748
R-26 PZ-2	150	09/04/13	WG	Oxidation-Reduction Potential	-44.3	mV	CAWA-13-40715
R-26 PZ-2	150	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	03/11/14	WG	pH	7.08	SU	CAWA-14-54748
R-26 PZ-2	150	09/04/13	WG	pH	7.28	SU	CAWA-13-40715
R-26 PZ-2	150	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	03/11/14	WG	Specific Conductance	278	µS/cm	CAWA-14-54748

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26 PZ-2	150	09/04/13	WG	Specific Conductance	226	µS/cm	CAWA-13-40715
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	03/11/14	WG	Temperature	9.71	deg C	CAWA-14-54748
R-26 PZ-2	150	09/04/13	WG	Temperature	13.55	deg C	CAWA-13-40715
R-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	11/25/14	WG	Dissolved Oxygen	7.28	mg/L	CAWA-15-90398
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	11/25/14	WG	Flow (in gpm)	3.75	gpm	CAWA-15-90398
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	11/25/14	WG	Oxidation-Reduction Potential	175.6	mV	CAWA-15-90398
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	11/25/14	WG	pH	7.72	SU	CAWA-15-90398
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
R-47	1322	01/15/15	WG	Specific Conductance	113	µS/cm	CAWA-15-91343
R-47	1322	11/25/14	WG	Specific Conductance	116	µS/cm	CAWA-15-90398
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-47	1322	01/15/15	WG	Temperature	14.21	deg C	CAWA-15-91343
R-47	1322	11/25/14	WG	Temperature	14.64	deg C	CAWA-15-90398
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-47	1322	11/25/14	WG	Turbidity	13.1	NTU	CAWA-15-90398
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	03/03/14	WG	Dissolved Oxygen	5.73	mg/L	CAWA-14-54752
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	03/03/14	WG	Flow (in gpm)	7.14	gpm	CAWA-14-54752
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	03/03/14	WG	Oxidation-Reduction Potential	173.7	mV	CAWA-14-54752
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	03/03/14	WG	pH	7.35	SU	CAWA-14-54752
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	03/03/14	WG	Specific Conductance	107	µS/cm	CAWA-14-54752
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
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	03/03/14	WG	Temperature	13.52	deg C	CAWA-14-54752
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
R-63	1325	03/03/14	WG	Turbidity	1.1	NTU	CAWA-14-54752

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

[e] — = Not applicable.

[f] WS = Base flow.

Appendix B

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

Appendix C

Analytical Chemistry Results, Including Results from Previous Four Monitoring Events if Available

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

Acronyms and Abbreviations

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

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

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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

Secondary Validation Flag Codes

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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-9-1(i)	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)	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)	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)	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)	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0034	0.0122	0.07	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0209	0.0128	0.05	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	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)	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)	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)	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)	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.149	—	—	0.017	mg/L	Y	—	U	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i)	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.223	—	—	0.017	mg/L	Y	—	J	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	937.4	05/21/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.179	—	—	0.0865	µg/L	Y	J	J	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.188	—	—	0.0865	µg/L	Y	J	J	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	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)	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)	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)	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)	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)	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)	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)	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
CDV-9-1(i)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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

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-9-1(i)	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)	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)	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)	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)	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)	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)	937.4	05/21/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Nitrotoluene[2-]	88-72-2	Y	0.0941	—	—	0.0886	µg/L	Y	J	J	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Nitrotoluene[2-]	88-72-2	Y	0.119	—	—	0.0886	µg/L	Y	J	J	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,	3268-87-9	N	1.1E-05	—	—	3.5E-05	µg/L	Y	U	U	2015-1248	CAWA-15-95849	CFA
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,	3268-87-9	Y	1.8E-05	—	—	3.6E-05	µg/L	Y	J	J	2015-1248	CAWA-15-95841	CFA
CDV-9-1(i)	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)	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)	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0117	0.0072	0.04	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00259	0.0058	0.04	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0088	0.0088	0.05	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0073	0.04	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	937.4	05/21/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0231	0.135	0.48	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.167	0.129	0.49	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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

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-9-1(i)	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)	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)	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.684	0.0504	0.09	—	pCi/L	Y	—	NQ	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.64	0.0382	0.06	—	pCi/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0255	0.0134	0.06	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0327	0.0122	0.04	—	pCi/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.385	0.0383	0.06	—	pCi/L	Y	—	J	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.362	0.0288	0.04	—	pCi/L	Y	—	NQ	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	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)	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-37-2 S2	1188.7	05/13/15	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	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	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	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	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	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.9	—	—	0.725	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51	—	—	0.725	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.7	—	—	0.725	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.7	—	—	0.725	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	0.725	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.4	—	—	1	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.4	—	—	1	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.16	—	—	0.05	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.44	—	—	0.05	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.36	—	—	0.05	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.34	—	—	0.05	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.36	—	—	0.05	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.65	—	—	0.067	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.65	—	—	0.067	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.69	—	—	0.067	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.65	—	—	0.067	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.69	—	—	0.067	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	—	0.033	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0994	—	—	0.033	mg/L	Y	J	J	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.149	—	—	0.033	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.8	—	—	0.453	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.2	—	—	0.453	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36	—	—	0.453	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.6	—	—	0.453	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.8	—	—	0.453	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	89.6	—	—	30	µg/L	Y	J	J	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	78.4	—	—	30	µg/L	Y	J	J	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	135	—	—	30	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	96	—	—	30	µg/L	Y	J	J	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	64.7	—	—	30	µg/L	Y	J	U	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.89	—	—	0.11	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.06	—	—	0.11	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.97	—	—	0.11	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	176	—	—	2	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	157	—	—	2	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	176	—	—	2	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	170	—	—	2	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	177	—	—	2	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.165	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.165	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.37	—	—	0.165	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.165	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.381	—	—	0.017	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.297	—	—	0.017	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	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	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.302	—	—	0.017	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.345	—	—	0.017	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.21	—	—	0.05	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.202	—	—	0.05	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.203	—	—	0.05	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.21	—	—	0.05	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.216	—	—	0.05	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.3	—	—	0.053	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.4	—	—	0.053	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.4	—	—	0.053	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.6	—	—	0.053	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.8	—	—	0.053	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.84	—	—	0.1	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	111	—	—	3.63	µS/cm	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	3.63	µS/cm	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	3.63	µS/cm	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	1	µS/cm	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.8	—	—	1	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.1	—	—	1	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.54	—	—	0.133	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.63	—	—	0.133	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	—	0.133	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.56	—	—	0.133	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.7	—	—	0.133	mg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	94.3	—	—	3.4	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	H	J	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	N	—	R	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	J	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	J	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0562	—	—	0.033	mg/L	Y	J	J	2015-1204	CAWA-15-95850	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-698	CAWA-15-91334	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-372	CAWA-15-90397	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	2014-4382	CAWA-14-84596	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-3032	CAWA-14-54743	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Triti	Tritium	H-3	N	1.187	0.7	2.22	—	pCi/L	Y	U	U	2015-1206	CAWA-15-95850	ARSL
CdV-R-37-2 S2	1188.7	01/21/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Triti	Tritium	H-3	N	-0.972	0.674	2.32	—	pCi/L	Y	U	U	2015-709	CAWA-15-91334	ARSL
CdV-R-37-2 S2	1188.7	11/18/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Triti	Tritium	H-3	N	0.48	0.741	2.48	—	pCi/L	Y	U	U	2015-378	CAWA-15-90397	ARSL
CdV-R-37-2 S2	1188.7	08/14/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Triti	Tritium	H-3	Y	2.348	0.723	1.98	—	pCi/L	Y	—	NQ	2014-4398	CAWA-14-84596	ARSL
CdV-R-37-2 S2	1188.7	03/19/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Triti	Tritium	H-3	N	-0.56	0.619	2.13	—	pCi/L	Y	U	U	2014-3076	CAWA-14-54743	ARSL
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.43	—	—	0.067	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.439	—	—	0.067	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.485	—	—	0.067	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.5	—	—	0.067	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.569	—	—	0.067	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.48	—	—	1	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.3	—	—	1	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.37	—	—	1	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.83	—	—	1	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	03/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.74	—	—	1	µg/L	Y	—	NQ	2014-3032	CAWA-14-54764	GELC
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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.5	—	—	0.725	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.9	—	—	0.725	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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

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	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.2	—	—	1	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.79	—	—	0.05	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.34	—	—	0.067	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.37	—	—	0.067	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0469	—	—	0.033	mg/L	Y	J	J	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0636	—	—	0.033	mg/L	Y	J	J	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.34	—	—	0.11	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.4	—	—	0.11	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.432	—	—	0.165	µg/L	Y	J	J	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.417	—	—	0.165	µg/L	Y	J	J	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.615	—	—	0.085	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.656	—	—	0.017	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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

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	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	08/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.229	—	—	0.05	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.246	—	—	0.05	µg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.11	—	—	0.05	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.88	—	—	0.0838	µg/L	Y	—	NQ	2014-4318	CAPA-14-84559	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.57	—	—	0.0851	µg/L	Y	—	NQ	2014-2936	CAPA-14-54777	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.3	—	—	0.053	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.8	—	—	0.053	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.01	—	—	0.1	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.19	—	—	0.1	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.3	—	—	1	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.9	—	—	1	µg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.98	—	—	0.133	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	—	—	0.133	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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

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	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
R-18	1358	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	87.1	—	—	3.4	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	11/20/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.513	—	—	0.33	mg/L	Y	J	J	2015-406	CAPA-15-90312	GELC
R-18	1358	11/20/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.535	—	—	0.33	mg/L	Y	J	J	2015-406	CAPA-15-90314	GELC
R-18	1358	08/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.563	—	—	0.33	mg/L	Y	J	J	2014-4318	CAPA-14-84559	GELC
R-18	1358	03/04/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.586	—	—	0.33	mg/L	Y	J	J	2014-2936	CAPA-14-54777	GELC
R-18	1358	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	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	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0445	—	—	0.017	mg/L	Y	J	U	2014-2936	CAPA-14-54779	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.334	—	—	0.067	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.429	—	—	0.067	µg/L	Y	—	NQ	2014-2936	CAPA-14-54779	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.77	—	—	1	µg/L	Y	J	J	2014-4318	CAPA-14-84561	GELC
R-18	1358	03/04/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.12	—	—	1	µg/L	Y	J	J	2014-2936	CAPA-14-54779	GELC
R-47	1322	05/18/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	4.7	—	—	1.5	µg/L	Y	J	J	2015-1219	CAWA-15-95851	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	24.8	—	—	3	µg/L	Y	—	J-	2015-675	CAWA-15-91343	GELC
R-47	1322	11/25/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	8.78	—	—	2.5	µg/L	Y	J	J	2015-425	CAWA-15-90398	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	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	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.853	—	—	0.017	mg/L	Y	—	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-425	CAWA-15-90402	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.24	—	—	1	µg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	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	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	2015-425	CAWA-15-90402	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	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

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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

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: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	05/18/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0708	—	—	0.033	mg/L	Y	J	J	2015-1219	CAWA-15-95851	GELC
R-47	1322	01/15/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.153	—	—	0.033	mg/L	Y	—	U	2015-675	CAWA-15-91343	GELC
R-47	1322	11/25/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-425	CAWA-15-90398	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
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0269	—	—	0.017	mg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.029	—	—	0.017	mg/L	Y	J	J	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0254	—	—	0.017	mg/L	Y	J	U	2015-425	CAWA-15-90402	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	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	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	03/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.278	—	—	0.0889	µg/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	09/05/13	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	2013-1810	CAWA-13-40699	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	03/05/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.278	—	—	0.0889	µg/L	Y	U	U	2014-2943	CAWA-14-54732	GELC
16-26644	130	09/05/13	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	2013-1810	CAWA-13-40699	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	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	N	0.263	—	—	0.0842	µg/L	Y	U	U	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.5	—	—	0.091	µg/L	Y	U	U	12-586	CAWA-12-1955	STSL
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	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.0867	—	—	0.0829	µg/L	Y	JQ	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	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	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	N	0.263	—	—	0.0842	µg/L	Y	U	U	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	N	0.5	—	—	0.091	µg/L	Y	U	U	12-586	CAWA-12-1955	STSL
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	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.76	—	—	0.0829	µg/L	Y	—	NQ	2013-1810	CAWA-13-40699	GELC
16-26644	130	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	09/05/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.79	—	—	0.3	µg/L	Y	J	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	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	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	N	0.263	—	—	0.0842	µg/L	Y	U	U	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	N	0.5	—	—	0.082	µg/L	Y	U	U	12-586	CAWA-12-1955	STSL
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	09/05/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.68	—	—	0.3	µg/L	Y	J	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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
16-26644	130	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.137	—	—	0.0829	µg/L	Y	J	J	2013-1810	CAWA-13-40699	GELC
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	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	J-	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.7	—	—	0.73	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	366	—	—	68	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00381	0.0032	0.044	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.118	—	—	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-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.115	—	—	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-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.107	—	—	0.086	µg/L	Y	HJ	J	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.103	—	—	0.0889	µg/L	Y	J	J	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.106	—	—	0.1	µg/L	Y	J	J	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.116	—	—	0.1	µg/L	Y	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.148	—	—	0.1	µg/L	Y	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.059	—	—	0.016	mg/L	Y	—	U	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	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
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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	11-7	CAWA-10-25689	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	53	—	—	1	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	66.2	—	—	1	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	07/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.6	—	—	15	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	Boron	B	Y	17.6	—	—	15	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	Boron	B	Y	21.6	—	—	15	µg/L	Y	J	J	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	44.8	—	—	15	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.21	1.4	4.2	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.4	—	—	0.066	mg/L	Y	—	J+	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	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
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.9	1.23	5.94	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.159	1.2	4.1	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.8	1.6	4.7	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.253	—	—	0.033	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.00163	0.62	2.8	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.5	1.4	3.9	—	pCi/L	Y	—	NQ	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.9	—	—	0.35	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.106	—	—	0.1	µg/L	Y	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	211	—	—	30	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.21	—	—	0.085	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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
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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.09	—	—	2	µg/L	Y	J	J	11-7	CAWA-10-25689	GELC
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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.724	—	—	0.1	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-14.9	10	31	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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
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	—	09/24/10	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	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	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	10-204	CAWA-09-13683	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	—	10/20/09	WS	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0645	—	—	0.05	µg/L	Y	J	J	10-204	CAWA-09-13683	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	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00187	0.009	0.031	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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: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	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0053	0.031	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.97	—	—	0.05	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.57	19	60	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	07/24/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.107	—	—	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	RDX	121-82-4	Y	0.109	—	—	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	RDX	121-82-4	Y	0.185	—	—	0.086	µg/L	Y	HJ	J	2014-4376	CAWA-14-84620	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.278	—	—	0.0889	µg/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	UJ	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.9	—	—	0.053	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.02	1.5	5.1	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	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	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	90.9	—	—	1	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0388	0.13	0.45	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.95	—	—	0.1	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	2.4	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.32	—	—	0.33	mg/L	Y	—	NQ	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.057	—	—	0.015	mg/L	Y	—	J-	10-204	CAWA-09-13683	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	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0195	0.0077	0.066	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00694	0.007	0.034	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0112	0.007	0.041	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	—	08/14/14	WS	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.34	—	—	1	µg/L	Y	J	J	2014-4376	CAWA-14-84622	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.6	—	—	1	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.19	—	—	1	µg/L	Y	J	J	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.74	—	—	1	µg/L	Y	J	J	11-7	CAWA-10-25689	GELC
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	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	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	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.8	—	—	0.725	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.3	—	—	0.725	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	482	—	—	68	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.14	—	—	0.0889	µg/L	Y	J	J	2013-1962	CAWA-13-40700	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	69.6	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.5	—	—	15	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0738	—	—	0.067	mg/L	Y	J	J	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0768	—	—	0.067	mg/L	Y	J	J	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0814	—	—	0.067	mg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0802	—	—	0.067	mg/L	Y	J	J	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0747	—	—	0.067	mg/L	Y	J	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0809	—	—	0.067	mg/L	Y	J	J	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	19	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.1	—	—	0.067	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.1	—	—	0.067	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.79	—	—	2	µg/L	Y	J	J	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-686	CAPA-15-91483	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4351	CAPA-14-84560	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.06	—	—	2	µg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	—	—	0.033	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.359	—	—	0.033	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.8	—	—	0.453	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.14	—	—	0.0889	µg/L	Y	Q	NQ	2013-1962	CAWA-13-40700	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	342	—	—	30	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.15	—	—	0.11	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2	—	—	2	µg/L	Y	J	J	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.28	—	—	2	µg/L	Y	J	J	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.79	—	—	2	µg/L	Y	J	J	2014-4351	CAPA-14-84560	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.94	—	—	2	µg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.28	—	—	2	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.07	—	—	0.165	µg/L	Y	—	U	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.988	—	—	0.5	µg/L	Y	J	J	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.62	—	—	0.5	µg/L	Y	J	J	2014-4351	CAPA-14-84560	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.684	—	—	0.5	µg/L	Y	J	J	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.31	—	—	0.5	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.931	—	—	0.017	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.92	—	—	0.085	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	—	05/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.778	—	—	0.05	µg/L	Y	—	NQ	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.6	—	—	0.0889	µg/L	Y	—	NQ	2013-1962	CAWA-13-40700	GELC
Bulldog Spring	—	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	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	55.5	—	—	0.053	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.8	—	—	0.053	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.4	—	—	0.1	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	259	—	—	1	µS/cm	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	260	—	—	1	µS/cm	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	—	0.133	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	—	0.133	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.61	—	—	2.5	µg/L	Y	J	J	2015-1741	CAPA-15-100899	GELC
Bulldog Spring	—	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-686	CAPA-15-91483	GELC
Bulldog Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-4351	CAPA-14-84560	GELC
Bulldog Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2014-2958	CAPA-14-54778	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2013-1962	CAWA-13-40718	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	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	—	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	07/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.208	—	—	0.033	mg/L	Y	—	NQ	2015-1741	CAPA-15-100897	GELC
Bulldog Spring	—	01/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0381	—	—	0.033	mg/L	Y	J	J	2015-686	CAPA-15-91481	GELC
Bulldog Spring	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.311	—	—	0.033	mg/L	Y	—	NQ	2014-2958	CAPA-14-54776	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.116	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1434	CAPA-12-17594	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	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	—	07/18/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.07	—	—	0.33	mg/L	Y	—	NQ	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.04	—	—	0.33	mg/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	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	—	07/18/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0415	—	—	0.017	mg/L	Y	J	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0243	—	—	0.017	mg/L	Y	J	J	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	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	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.215	—	—	0.067	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	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
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.91	—	—	1	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
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	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	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	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	0.725	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	262	—	—	68	µg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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	—	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.282	—	—	0.0904	µg/L	Y	U	U	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	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	—	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.282	—	—	0.0904	µg/L	Y	U	U	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	163	—	—	1	µg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0696	—	—	0.067	mg/L	Y	J	J	2015-1842	CAWA-15-100851	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0865	—	—	0.067	mg/L	Y	J	J	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-4295	CAWA-14-84603	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0705	—	—	0.067	mg/L	Y	J	J	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.3	—	—	0.134	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4295	CAWA-14-84603	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2957	CAWA-14-54754	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	—	01/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.5	—	—	0.091	µg/L	Y	U	U	12-565	CAWA-12-1934	STSL
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	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.033	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	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	—	08/08/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75	—	—	0.453	mg/L	Y	—	NQ	2014-4295	CAWA-14-84603	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.1	—	—	0.453	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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	—	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.282	—	—	0.0904	µg/L	Y	U	U	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	245	—	—	30	µg/L	Y	—	U	2014-2957	CAWA-14-54754	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.92	—	—	0.11	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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	—	01/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	N	0.17	—	—	0.091	µg/L	Y	JP	U	12-565	CAWA-12-1934	STSL
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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.843	—	—	0.165	µg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.5	µg/L	Y	J	J	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	—	—	0.085	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	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	—	01/10/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.615	—	—	0.05	µg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	12.2	—	—	0.194	µg/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	09/12/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18	—	—	0.226	µg/L	Y	—	NQ	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	07/22/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.62	—	—	1.5	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	Selenium	Se	N	1.5	—	—	1.5	µg/L	Y	U	U	2015-1432	CAWA-15-99470	GELC
Burning Ground Spring	—	06/18/15	WS	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	1.5	—	—	1.5	µg/L	Y	U	U	2015-1432	CAWA-15-99471	GELC
Burning Ground Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2015-734	CAWA-15-91350	GELC
Burning Ground Spring	—	08/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2014-4295	CAWA-14-84603	GELC
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2014-2957	CAWA-14-54754	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	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.7	—	—	0.053	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.6	—	—	0.1	mg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	233	—	—	1	µS/cm	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	112	—	—	1	µg/L	Y	—	NQ	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.72	—	—	0.133	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	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	—	08/07/14	WG	UF	INIT	REG	VOC	EPA:624	Tetrachloroethene	127-18-4	Y	1.65	—	—	0.3	µg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	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	—	01/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	Y	0.48	—	—	0.082	µg/L	Y	JP	NQ	12-565	CAWA-12-1934	STSL
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	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	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	—	08/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.108	—	—	0.033	mg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.34	—	—	0.33	mg/L	Y	—	NQ	2014-2957	CAWA-14-54733	GELC
Burning Ground Spring	—	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	—	03/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-663	CAWA-13-28847	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	—	08/07/14	WG	UF	INIT	REG	VOC	EPA:624	Trichloroethene	79-01-6	Y	1.32	—	—	0.3	µg/L	Y	—	NQ	2014-4272	CACV-14-85835	GELC
Burning Ground Spring	—	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	—	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.282	—	—	0.0904	µg/L	Y	U	U	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.424	—	—	0.067	µg/L	Y	—	U	2014-2957	CAWA-14-54754	GELC
Burning Ground Spring	—	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
Burning Ground Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.07	—	—	1	µg/L	Y	J	J	2014-2957	CAWA-14-54754	GELC
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	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.142	—	—	0.0847	µg/L	Y	J	J	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/17/15	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.103	—	—	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-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.115	—	—	0.0812	µg/L	Y	J	J	2014-4295	CAWA-14-84588	GELC
Canon de Valle below MDA P	—	03/10/14	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.286	—	—	0.0914	µg/L	Y	U	U	2014-2970	CAWA-14-54734	GELC
Canon de Valle below MDA P	—	09/20/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.31	—	—	0.0879	µg/L	Y	—	NQ	2013-2063	CAWA-13-42031	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.265	—	—	0.0847	µg/L	Y	U	U	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/17/15	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	—	03/25/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	Y	0.14	—	—	0.091	µg/L	Y	J	J	11-1790	CAWA-11-5389	STSL
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	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.22	—	—	0.0847	µg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/17/15	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
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	—	03/25/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.28	—	—	0.091	µg/L	Y	J	J	11-1790	CAWA-11-5389	STSL
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	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.63	—	—	0.0847	µg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/17/15	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	—	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	—	03/25/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	N	0.5	—	—	0.082	µg/L	Y	U	U	11-1790	CAWA-11-5389	STSL
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
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	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.269	—	—	0.086	µg/L	Y	U	U	2013-1816	CAWA-13-40703	GELC
CDV-16-02656	3	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	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.269	—	—	0.086	µg/L	Y	U	U	2013-1816	CAWA-13-40703	GELC
CDV-16-02659	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	09/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	4.15	—	—	0.087	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	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	09/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.68	—	—	0.087	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	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	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	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.5	—	—	0.091	µg/L	Y	U	U	12-622	CAWA-12-1939	STSL
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	09/20/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	44.3	—	—	2.17	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	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	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	N	0.16	—	—	0.091	µg/L	Y	JP	U	12-622	CAWA-12-1939	STSL
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	09/20/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	15.1	—	—	2.17	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	N	0.5	—	—	0.082	µg/L	Y	U	U	12-622	CAWA-12-1939	STSL
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	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.228	—	—	0.0851	µg/L	Y	J	J	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	07/27/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.0891	—	—	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-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.0872	—	—	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-4,6-dinitrotoluene[2-]	35572-78-2	N	0.269	—	—	0.086	µg/L	Y	UH	R	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-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.0841	—	—	0.0833	µg/L	Y	J	J	2014-3042	CAWA-14-54737	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.114	—	—	0.0851	µg/L	Y	J	J	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	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	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.56	—	—	0.0851	µg/L	Y	—	NQ	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	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	09/11/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.15	—	—	0.3	µg/L	Y	—	NQ	2013-1863	CAWA-13-40705	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	09/11/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	22.2	—	—	0.426	µg/L	Y	—	NQ	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	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	09/11/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.3	—	—	0.3	µg/L	Y	—	NQ	2013-1863	CAWA-13-40705	GELC
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	09/11/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.45	—	—	0.3	µg/L	Y	J	J	2013-1863	CAWA-13-40705	GELC
CdV-16-2(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	03/03/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.103	—	—	0.086	µg/L	Y	J	J	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.117	—	—	0.0842	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	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	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.5	—	—	0.091	µg/L	Y	U	U	12-613	CAWA-12-1962	STSL
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.5	—	—	0.091	µg/L	Y	U	U	12-613	CAWA-12-1961	STSL
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	09/04/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.535	—	—	0.0842	µg/L	Y	—	NQ	2013-1801	CAWA-13-40706	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	07/17/15	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	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.61	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	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	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	N	0.39	—	—	0.091	µg/L	Y	J	U	12-613	CAWA-12-1962	STSL
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.31	—	—	0.091	µg/L	Y	J	J	12-613	CAWA-12-1961	STSL
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	09/04/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	94.5	—	—	2.11	µg/L	Y	—	NQ	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	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	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.92	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	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	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	N	0.5	—	—	0.082	µg/L	Y	U	U	12-613	CAWA-12-1962	STSL
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	N	0.11	—	—	0.082	µg/L	Y	J	U	12-613	CAWA-12-1961	STSL
CdV-16-2(i)r	850	07/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.82	—	—	0.3	µg/L	Y	H	J-	2015-1749	CAWA-15-100834	GELC
CdV-16-2(i)r	850	01/14/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	UH	UJ	2015-671	CAWA-15-91328	GELC
CdV-16-2(i)r	850	08/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.66	—	—	0.3	µg/L	Y	J	J	2014-4391	CAWA-14-84592	GELC
CdV-16-2(i)r	850	03/03/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.67	—	—	0.3	µg/L	Y	—	NQ	2014-2932	CAWA-14-54738	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.85	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	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
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.57	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CDV-16-4ip 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	03/17/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.27	—	—	0.0838	µg/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.15	—	—	0.086	µg/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	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	12/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.287	—	—	0.0856	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	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-2 TA-16 260 Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	03/17/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.94	—	—	0.0838	µg/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.94	—	—	0.086	µg/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	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	03/17/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.63	—	—	0.3	µg/L	Y	HJ	J	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.79	—	—	0.3	µg/L	Y	HJ	J	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	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	12/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.616	—	—	0.0856	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	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	03/17/14	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	120	—	—	2.15	µg/L	Y	—	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	132	—	—	2.09	µg/L	Y	—	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	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	03/17/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.06	—	—	0.3	µg/L	Y	H	NQ	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.04	—	—	0.3	µg/L	Y	H	NQ	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	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	12/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.253	—	—	0.0856	µg/L	Y	J	J	2013-417	CAWA-13-24552	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	03/17/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.64	—	—	0.3	µg/L	Y	HJ	J	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.74	—	—	0.3	µg/L	Y	HJ	J	2014-3019	CAWA-14-54703	GELC
CDV-16-4ip S1	815.6	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	03/17/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.262	—	—	0.0838	µg/L	Y	U	U	2014-3019	CAWA-14-54739	GELC
CDV-16-4ip S1	815.6	03/17/14	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.269	—	—	0.086	µg/L	Y	U	U	2014-3019	CAWA-14-54703	GELC
CDV-16-611923	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	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.209	—	—	0.0904	µg/L	Y	J	J	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.296	—	—	0.087	µg/L	Y	—	NQ	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	07/22/15	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	01/29/15	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	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.125	—	—	0.0904	µg/L	Y	J	J	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.16	—	—	0.087	µg/L	Y	J	J	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	07/22/15	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	01/25/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	N	0.5	—	—	0.091	µg/L	Y	U	U	12-653	CAWA-12-1942	STSL
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	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.35	—	—	0.0904	µg/L	Y	—	J+	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.89	—	—	0.087	µg/L	Y	—	J+	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	07/22/15	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	01/25/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.4	—	—	0.091	µg/L	Y	JP	J	12-653	CAWA-12-1942	STSL
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	03/25/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.3	—	—	0.0904	µg/L	Y	—	NQ	2013-663	CAWA-13-28828	GELC
CDV-16-611923	3.2	03/25/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.65	—	—	0.087	µg/L	Y	Q	NQ	2013-663	CAWA-13-28786	GELC
CDV-16-611923	3.2	07/22/15	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	01/25/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	Y	0.11	—	—	0.082	µg/L	Y	JP	J	12-653	CAWA-12-1942	STSL
CDV-9-1(i)	937.4	07/15/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	18.5	—	—	1.5	µg/L	Y	—	NQ	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	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)	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)	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)	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)	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)	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)	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	189	—	—	68	µg/L	Y	J	J	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i)	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i)	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i)	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)	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)	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)	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)	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)	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)	937.4	07/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0493	—	—	0.017	mg/L	Y	J	J	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i)	937.4	05/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.149	—	—	0.017	mg/L	Y	—	U	2015-1245	CAWA-15-95854	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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)	937.4	05/21/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.223	—	—	0.017	mg/L	Y	—	J	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	937.4	07/15/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.104	—	—	0.0812	µg/L	Y	J	J	2015-1711	CAWA-15-100837	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.179	—	—	0.0865	µg/L	Y	J	J	2015-1245	CAWA-15-95849	GELC
CDV-9-1(i)	937.4	05/21/15	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.188	—	—	0.0865	µg/L	Y	J	J	2015-1245	CAWA-15-95841	GELC
CDV-9-1(i)	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)	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)	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)	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)	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)	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
CDV-9-1(i)	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)	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)	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)	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	126	—	—	30	µg/L	Y	—	NQ	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i)	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i)	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2015-1245	CAWA-15-95842	GELC
CDV-9-1(i)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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)	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-9-1(i)	937.4	07/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.68	—	—	3.3	µg/L	Y	J	J	2015-1711	CAWA-15-100859	GELC
CDV-9-1(i)	937.4	05/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-1245	CAWA-15-95854	GELC
CDV-9-1(i)	937.4	05/21/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-1245	CAWA-15-95842	GELC
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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	2014-3405	CAWA-14-77946	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	0.725	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	0.725	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	2015-1749	CAWA-15-100804	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1	—	—	1	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	Antimony	Sb	N	3	—	—	1	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	Antimony	Sb	N	3	—	—	1	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	Antimony	Sb	N	1	—	—	1	µg/L	Y	U	U	2014-3405	CAWA-14-77946	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	07/17/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.16	—	—	1.7	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	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1749	CAWA-15-100860	GELC
CdV-R-15-3 S4	1235.1	01/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	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	Arsenic	As	Y	1.73	—	—	1.7	µg/L	Y	J	J	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	1.7	—	—	1.7	µg/L	Y	U	U	2014-3405	CAWA-14-77946	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.067	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.067	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.04	—	—	2	µg/L	Y	J	J	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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
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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.1	—	—	0.033	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.102	—	—	0.033	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.1	—	—	0.453	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.31	—	—	0.11	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.37	—	—	0.165	µg/L	Y	—	U	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.23	—	—	0.165	µg/L	Y	—	U	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.849	—	—	0.5	µg/L	Y	J	J	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.98	—	—	0.5	µg/L	Y	J	J	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.363	—	—	0.017	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.329	—	—	0.017	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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
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	03/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.246	—	—	0.05	µg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.245	—	—	0.05	µg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.4	—	—	0.053	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.1	—	—	0.053	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µS/cm	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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
CdV-R-15-3 S4	1235.1	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.1	—	—	1	µg/L	Y	—	NQ	2014-4317	CAWA-14-84611	GELC
CdV-R-15-3 S4	1235.1	05/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	2014-3405	CAWA-14-77946	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.2	—	—	1	µg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57	—	—	1	µg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	—	—	0.133	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.81	—	—	0.133	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.781	—	—	0.33	mg/L	Y	J	J	2014-3022	CAWA-14-54742	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.71	—	—	0.33	mg/L	Y	J	J	2014-3022	CAWA-14-54705	GELC
CdV-R-15-3 S4	1235.1	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	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.722	—	—	0.067	µg/L	Y	—	NQ	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.76	—	—	0.067	µg/L	Y	—	NQ	2014-3022	CAWA-14-54708	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.37	—	—	1	µg/L	Y	J	J	2014-3022	CAWA-14-54763	GELC
CdV-R-15-3 S4	1235.1	03/18/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.36	—	—	1	µg/L	Y	J	J	2014-3022	CAWA-14-54708	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	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	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	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	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	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	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.3	—	—	0.725	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.9	—	—	0.725	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51	—	—	0.725	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.7	—	—	0.725	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.7	—	—	0.725	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.5	—	—	1	µg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.4	—	—	1	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.4	—	—	1	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	Y	16.2	—	—	0.3	µg/L	Y	—	NQ	2015-1791	CAWA-15-100839	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-1204	CAWA-15-95850	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	1	—	—	0.3	µg/L	Y	UH	UJ	2015-698	CAWA-15-91334	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-372	CAWA-15-90397	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	1	—	—	0.3	µg/L	Y	UH	U	2014-4382	CAWA-14-84596	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.74	—	—	0.05	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.16	—	—	0.05	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.44	—	—	0.05	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.36	—	—	0.05	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.34	—	—	0.05	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.66	—	—	0.067	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.65	—	—	0.067	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.65	—	—	0.067	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.69	—	—	0.067	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.65	—	—	0.067	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	Y	4.15	—	—	0.3	µg/L	Y	—	NQ	2015-1791	CAWA-15-100839	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-1204	CAWA-15-95850	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	1	—	—	0.3	µg/L	Y	UH	UJ	2015-698	CAWA-15-91334	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-372	CAWA-15-90397	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	1	—	—	0.3	µg/L	Y	UH	U	2014-4382	CAWA-14-84596	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	90.9	—	—	0.3	µg/L	Y	—	NQ	2015-1791	CAWA-15-100839	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-1204	CAWA-15-95850	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.3	µg/L	Y	UH	UJ	2015-698	CAWA-15-91334	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-372	CAWA-15-90397	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.3	µg/L	Y	UH	U	2014-4382	CAWA-14-84596	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.06	—	—	2	µg/L	Y	J	J	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.149	—	—	0.033	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	—	0.033	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0994	—	—	0.033	mg/L	Y	J	J	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.4	—	—	0.453	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.8	—	—	0.453	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.2	—	—	0.453	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36	—	—	0.453	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.6	—	—	0.453	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	66.8	—	—	30	µg/L	Y	J	J	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	89.6	—	—	30	µg/L	Y	J	J	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	78.4	—	—	30	µg/L	Y	J	J	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	135	—	—	30	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	96	—	—	30	µg/L	Y	J	J	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.89	—	—	0.11	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.06	—	—	0.11	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.97	—	—	0.11	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	152	—	—	2	µg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	176	—	—	2	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	157	—	—	2	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	176	—	—	2	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	170	—	—	2	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	Y	1.97	—	—	1	µg/L	Y	J	J	2015-1791	CAWA-15-100839	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	10	—	—	1	µg/L	Y	U	UJ	2015-1204	CAWA-15-95850	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	10	—	—	3	µg/L	Y	UH	UJ	2015-698	CAWA-15-91334	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	10	—	—	1.7	µg/L	Y	U	UJ	2015-372	CAWA-15-90397	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	10	—	—	1.7	µg/L	Y	UH	UJ	2014-4382	CAWA-14-84596	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.38	—	—	0.165	µg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.165	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.165	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.37	—	—	0.165	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.938	—	—	0.5	µg/L	Y	J	J	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.948	—	—	0.5	µg/L	Y	J	J	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	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	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.381	—	—	0.017	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.297	—	—	0.017	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	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	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.302	—	—	0.017	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.209	—	—	0.05	µg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.21	—	—	0.05	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.202	—	—	0.05	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.203	—	—	0.05	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.21	—	—	0.05	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.9	—	—	0.053	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.3	—	—	0.053	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.4	—	—	0.053	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.4	—	—	0.053	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.6	—	—	0.053	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.84	—	—	0.1	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	104	—	—	3.63	µS/cm	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	111	—	—	3.63	µS/cm	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	3.63	µS/cm	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	3.63	µS/cm	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53	—	—	1	µg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.8	—	—	1	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.1	—	—	1	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.58	—	—	0.133	mg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.54	—	—	0.133	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.63	—	—	0.133	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	—	0.133	mg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.56	—	—	0.133	mg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.38	—	—	0.3	µg/L	Y	—	NQ	2015-1791	CAWA-15-100839	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-1204	CAWA-15-95850	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	UH	UJ	2015-698	CAWA-15-91334	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	U	UJ	2015-372	CAWA-15-90397	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	UH	U	2014-4382	CAWA-14-84596	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	J	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	94.3	—	—	3.4	mg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	H	J	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	N	—	R	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	J	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0257	—	—	0.017	mg/L	Y	J	J	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	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	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	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-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0194	—	—	0.017	mg/L	Y	J	U	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	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	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.031	0.696	2.236	—	pCi/L	Y	U	U	2015-1818	CAWA-15-100839	ARSL
CdV-R-37-2 S2	1188.7	05/13/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.187	0.7	2.22	—	pCi/L	Y	U	U	2015-1206	CAWA-15-95850	ARSL
CdV-R-37-2 S2	1188.7	01/21/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.972	0.674	2.317	—	pCi/L	Y	U	U	2015-709	CAWA-15-91334	ARSL
CdV-R-37-2 S2	1188.7	11/18/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.48	0.741	2.476	—	pCi/L	Y	U	U	2015-378	CAWA-15-90397	ARSL
CdV-R-37-2 S2	1188.7	08/14/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.348	0.723	1.978	—	pCi/L	Y	—	NQ	2014-4398	CAWA-14-84596	ARSL
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.498	—	—	0.067	µg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.43	—	—	0.067	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.439	—	—	0.067	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.485	—	—	0.067	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.5	—	—	0.067	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
CdV-R-37-2 S2	1188.7	07/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.31	—	—	1	µg/L	Y	—	NQ	2015-1791	CAWA-15-100861	GELC
CdV-R-37-2 S2	1188.7	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.48	—	—	1	µg/L	Y	—	NQ	2015-1204	CAWA-15-95855	GELC
CdV-R-37-2 S2	1188.7	01/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.3	—	—	1	µg/L	Y	—	NQ	2015-698	CAWA-15-91361	GELC
CdV-R-37-2 S2	1188.7	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.37	—	—	1	µg/L	Y	—	NQ	2015-372	CAWA-15-90401	GELC
CdV-R-37-2 S2	1188.7	08/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.83	—	—	1	µg/L	Y	—	NQ	2014-4382	CAWA-14-84612	GELC
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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	N	1.1	—	—	0.33	µg/L	Y	U	U	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	0.01	SU	Y	H	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	0.725	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	0.725	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	464	—	—	68	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	2740	—	—	68	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.733	—	—	0.0879	µg/L	Y	—	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	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	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.418	—	—	0.0879	µg/L	Y	—	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	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	—	03/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.139	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0975	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-2957	CAWA-14-54766	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	144	—	—	1	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	129	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	898	—	—	15	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	647	—	—	15	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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
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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.118	—	—	0.067	mg/L	Y	J	J	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.131	—	—	0.067	mg/L	Y	J	J	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.6	—	—	0.05	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.6	—	—	0.134	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.5	—	—	0.134	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	01/27/15	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.05	—	—	2	µg/L	Y	J	J	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.61	—	—	2	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	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	Copper	Cu	N	10	—	—	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	Copper	Cu	Y	4.37	—	—	3	µg/L	Y	J	J	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	4.22	—	—	3	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.539	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.537	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.5	—	—	0.453	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.7	—	—	0.453	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.68	—	—	0.0879	µg/L	Y	Q	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	303	—	—	30	µg/L	Y	—	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1860	—	—	30	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	0.983	—	—	0.5	µg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin Spring	—	01/27/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	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	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2015-734	CAWA-15-91293	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	1.98	—	—	0.5	µg/L	Y	J	J	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	1.92	—	—	0.5	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.61	—	—	0.11	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.63	—	—	0.11	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	07/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	6.42	—	—	2	µg/L	Y	J	J	2015-1862	CAWA-15-100863	GELC
Martin 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-15-91363	GELC
Martin Spring	—	01/27/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-734	CAWA-15-91293	GELC
Martin Spring	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	11.9	—	—	2	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.29	—	—	2	µg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	13.3	—	—	2	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
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	—	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.54	—	—	0.091	µg/L	Y	P	NQ	12-613	CAWA-12-2079	STSL
Martin Spring	—	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.5	—	—	0.091	µg/L	Y	P	NQ	12-613	CAWA-12-1930	STSL
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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.56	—	—	0.165	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.83	—	—	0.165	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.45	—	—	0.5	µg/L	Y	J	J	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.874	—	—	0.5	µg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.21	—	—	0.5	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.99	—	—	0.085	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.99	—	—	0.085	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	01/18/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.707	—	—	0.05	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.572	—	—	0.05	µg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.564	—	—	0.05	µg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.78	—	—	0.05	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	09/17/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	27.7	—	—	0.44	µg/L	Y	—	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	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	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.4	—	—	0.053	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.3	—	—	0.053	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	33.8	—	—	0.1	mg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.8	—	—	0.1	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	360	—	—	1	µS/cm	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	360	—	—	1	µS/cm	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	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	—	08/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	2014-4350	CAWA-14-84614	GELC
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	126	—	—	1	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	93.8	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.9	—	—	0.133	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.9	—	—	0.133	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2013-1962	CAWA-13-40728	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.474	—	—	0.033	mg/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.365	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.251	—	—	0.033	mg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.46	—	—	0.33	mg/L	Y	—	NQ	2014-2957	CAWA-14-54745	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.69	—	—	0.66	mg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.96	—	—	0.33	mg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	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	—	03/27/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0699	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0623	—	—	0.017	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	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	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.275	—	—	0.0879	µg/L	Y	U	U	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.74	—	—	0.067	µg/L	Y	—	NQ	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.448	—	—	0.067	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	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	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.23	—	—	1	µg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.29	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	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	—	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
Martin Spring	—	03/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.45	—	—	3.3	µg/L	Y	J	J	2014-2957	CAWA-14-54766	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.77	—	—	3.3	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.5	—	—	0.725	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.2	—	—	1	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.79	—	—	0.05	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.34	—	—	0.067	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.63	—	—	2	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	Chromium	Cr	Y	2.42	—	—	2	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	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-406	CAPA-15-90315	GELC
R-18	1358	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0469	—	—	0.033	mg/L	Y	J	J	2014-4318	CAPA-14-84561	GELC
R-18	1358	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	08/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	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	Iron	Fe	Y	31.5	—	—	30	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	Iron	Fe	N	100	—	—	30	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	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2015-406	CAPA-15-90315	GELC
R-18	1358	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.34	—	—	0.11	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.432	—	—	0.165	µg/L	Y	J	J	2014-4318	CAPA-14-84561	GELC
R-18	1358	07/29/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.51	—	—	0.5	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	Nickel	Ni	Y	0.507	—	—	0.5	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	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-1226	CAPA-15-95859	GELC
R-18	1358	01/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-703	CAPA-15-91484	GELC
R-18	1358	11/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-406	CAPA-15-90313	GELC
R-18	1358	11/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-406	CAPA-15-90315	GELC
R-18	1358	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.615	—	—	0.085	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.229	—	—	0.05	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	08/11/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.88	—	—	0.0838	µg/L	Y	—	NQ	2014-4318	CAPA-14-84559	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.3	—	—	0.053	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.01	—	—	0.1	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.3	—	—	1	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.98	—	—	0.133	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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
R-18	1358	08/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	87.1	—	—	3.4	mg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	11/20/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.513	—	—	0.33	mg/L	Y	J	J	2015-406	CAPA-15-90312	GELC
R-18	1358	11/20/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.535	—	—	0.33	mg/L	Y	J	J	2015-406	CAPA-15-90314	GELC
R-18	1358	08/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.563	—	—	0.33	mg/L	Y	J	J	2014-4318	CAPA-14-84559	GELC
R-18	1358	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	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	2014-4318	CAPA-14-84561	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.334	—	—	0.067	µg/L	Y	—	NQ	2014-4318	CAPA-14-84561	GELC
R-18	1358	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	08/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.77	—	—	1	µg/L	Y	J	J	2014-4318	CAPA-14-84561	GELC
R-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
R-25b	750	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.1	—	—	0.725	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.095	—	—	0.017	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.83	—	—	1	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.94	—	—	0.067	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0948	—	—	0.033	mg/L	Y	J	J	2013-1840	CAWA-13-40732	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	07/28/15	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	09/10/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	07/28/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.155	—	—	0.0816	µg/L	Y	J	J	2015-1905	CAWA-15-100842	GELC
R-25b	750	01/23/15	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.218	—	—	0.0851	µg/L	Y	J	J	2015-704	CAWA-15-91338	GELC
R-25b	750	08/18/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.234	—	—	0.0879	µg/L	Y	HJ	J	2014-4391	CAWA-14-84599	GELC
R-25b	750	03/10/14	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.236	—	—	0.0833	µg/L	Y	J	J	2014-2971	CAWA-14-54747	GELC
R-25b	750	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.271	—	—	0.087	µg/L	Y	J	J	2013-1840	CAWA-13-40714	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.02	—	—	0.11	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.965	—	—	0.165	µg/L	Y	—	U	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.625	—	—	0.017	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	07/23/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	—	0.05	µg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.85	—	—	0.087	µg/L	Y	—	NQ	2013-1840	CAWA-13-40714	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.2	—	—	0.053	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.32	—	—	0.1	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2013-1840	CAWA-13-40732	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	07/28/15	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	69.5	—	—	1	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.78	—	—	0.133	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	07/28/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.32	—	—	0.3	µg/L	Y	J	J	2015-1905	CAWA-15-100842	GELC
R-25b	750	01/23/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	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	Tetrachloroethene	127-18-4	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	Tetrachloroethene	127-18-4	Y	0.33	—	—	0.3	µg/L	Y	HJ	J	2014-2971	CAWA-14-54747	GELC
R-25b	750	09/10/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.38	—	—	0.3	µg/L	Y	J	J	2013-1840	CAWA-13-40714	GELC
R-25b	750	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
R-25b	750	08/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	NQ	2014-4391	CAWA-14-84615	GELC
R-25b	750	03/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	101	—	—	3.4	mg/L	Y	—	J	2014-2971	CAWA-14-54768	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.822	—	—	0.33	mg/L	Y	J	J	2013-1840	CAWA-13-40714	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0759	—	—	0.017	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.353	—	—	0.067	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	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	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.35	—	—	1	µg/L	Y	J	J	2013-1840	CAWA-13-40732	GELC
R-25b	750	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-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16.4	—	—	3.3	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-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	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.41	—	—	0.3	µg/L	Y	—	NQ	2013-1802	CAWA-13-40715	GELC
R-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	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0557	—	—	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:350.1	Ammonia as Nitrogen	NH3-N	Y	0.853	—	—	0.017	mg/L	Y	—	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-425	CAWA-15-90402	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	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	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	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	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	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	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	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	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	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	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	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	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	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	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	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	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	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	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	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
R-47	1322	07/29/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0184	—	—	0.017	mg/L	Y	J	J	2015-1917	CAWA-15-100866	GELC
R-47	1322	05/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0269	—	—	0.017	mg/L	Y	J	J	2015-1219	CAWA-15-95856	GELC
R-47	1322	01/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.029	—	—	0.017	mg/L	Y	J	J	2015-675	CAWA-15-91370	GELC
R-47	1322	11/25/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0254	—	—	0.017	mg/L	Y	J	U	2015-425	CAWA-15-90402	GELC
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	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	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	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-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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.2	—	—	0.725	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	223	—	—	68	µg/L	Y	—	NQ	2015-1740	CAWA-15-100867	GELC
R-63	1325	01/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	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	Aluminum	Al	N	200	—	—	68	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	Aluminum	Al	N	200	—	—	68	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	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-1830	CAWA-13-40734	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	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	12.4	—	—	1	µg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.63	—	—	0.05	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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
R-63	1325	08/19/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.11	—	—	0.067	mg/L	Y	—	NQ	2014-4395	CAWA-14-84567	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.14	—	—	0.067	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.09	—	—	0.067	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.91	—	—	2	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	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2015-685	CAWA-15-91373	GELC
R-63	1325	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-4395	CAWA-14-84567	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-1830	CAWA-13-40734	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	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0738	—	—	0.033	mg/L	Y	J	J	2013-1830	CAWA-13-40734	GELC
R-63	1325	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	09/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.4	—	—	0.453	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.93	—	—	2	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	Manganese	Mn	N	10	—	—	2	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	Manganese	Mn	N	10	—	—	2	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	Manganese	Mn	N	10	—	—	2	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	Manganese	Mn	Y	4.25	—	—	2	µg/L	Y	J	J	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-1830	CAWA-13-40734	GELC
R-63	1325	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	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.672	—	—	0.165	µg/L	Y	—	U	2013-1830	CAWA-13-40734	GELC
R-63	1325	07/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.641	—	—	0.5	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	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-685	CAWA-15-91373	GELC
R-63	1325	08/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2014-4395	CAWA-14-84567	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.535	—	—	0.5	µg/L	Y	J	J	2014-2933	CAWA-14-54773	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.862	—	—	0.5	µg/L	Y	J	J	2013-1830	CAWA-13-40734	GELC
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	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.431	—	—	0.017	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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
R-63	1325	08/19/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.23	—	—	0.05	µg/L	Y	—	NQ	2014-4395	CAWA-14-84617	GELC
R-63	1325	08/19/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.216	—	—	0.05	µg/L	Y	—	NQ	2014-4395	CAWA-14-84567	GELC
R-63	1325	03/03/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.223	—	—	0.05	µg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.239	—	—	0.05	µg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	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	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.886	—	—	0.05	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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	09/09/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.21	—	—	0.0842	µg/L	Y	—	NQ	2013-1830	CAWA-13-40716	GELC
R-63	1325	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	03/03/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.7	—	—	0.053	mg/L	Y	—	NQ	2014-2933	CAWA-14-54773	GELC
R-63	1325	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	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.14	—	—	0.1	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	01/27/15	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	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	1	µS/cm	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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
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	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48	—	—	1	µg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.14	—	—	0.133	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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	09/09/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.647	—	—	0.33	mg/L	Y	J	J	2013-1830	CAWA-13-40716	GELC
R-63	1325	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	09/09/13	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	2013-1830	CAWA-13-40734	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	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.315	—	—	0.067	µg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	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
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.49	—	—	1	µg/L	Y	J	J	2013-1830	CAWA-13-40734	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Levels

Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Level	Reporting Level Code	Result/Screening Level
Alluvial	CDV-16-02659	1.7	07/20/15	LCMS/MS[a] High Explosives	RDX[b]	121-82-4	UF[c]	DL[d]	REG[e]	Y[f]	10.8	0.219	µg/L	5	—[g]	NQ[h]	NQ	Y	SW-846:8321A_MOD	GELC[i]	7	EPA TAP Screening Level[j]	1.54
Alluvial	CDV-16-611923	3.2	07/22/15	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT[k]	REG	Y	3.99	0.0825	µg/L	2	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	0.57
Intermediate	16-26644	130	07/20/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	43.8	0.437	µg/L	10	—	NQ	NQ	N[l]	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	6.26
Intermediate	16-26644	130	07/20/15	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	49.3	0.0874	µg/L	2	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	7.04
Intermediate	16-26644	130	07/20/15	VOC[m]	Tetrachloroethene	127-18-4	UF	INIT	REG	Y	2.62	0.3	µg/L	1	—	NQ	NQ	Y	SW-846:8260B	GELC	5	EPA MCL[n]	0.52
Intermediate	CdV-16-1(i)	624	07/27/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	28.5	0.435	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	4.07
Intermediate	CdV-16-2(i)r	850	07/17/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	93.1	2.19	µg/L	50	B[o]	J[p]	HE4a[q]	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	13.30
Intermediate	CdV-16-4ip S1	815.6	07/17/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	122	4.08	µg/L	100	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	17.43
Intermediate	CDV-9-1(i)	937.4	07/15/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	25	0.406	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	3.57
Intermediate	CDV-9-1(i)	937.4	05/21/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	FD	Y	32.4	0.432	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	4.63
Intermediate	CDV-9-1(i)	937.4	05/21/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	37.3	0.432	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	5.33
Intermediate Spring	Bulldog Spring	—	07/16/15	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	3.61	0.0847	µg/L	2	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	0.52
Intermediate Spring	Burning Ground Spring	—	07/22/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	51.1	1.07	µg/L	25	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	7.30
Intermediate Spring	Martin Spring	—	07/23/15	Inorganic	Boron	B	F[r]	INIT	REG	Y	892	15	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	750	NMWQCC GW STD[s]	1.19
Intermediate Spring	Martin Spring	—	07/23/15	Inorganic	Iron	Fe	F	INIT	REG	Y	971	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NMWQCC GW STD	0.97
Intermediate Spring	Martin Spring	—	07/23/15	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	53.7	0.874	µg/L	20	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	7	EPA TAP Screening Level	7.67
Regional	CdV-R-37-2 S2	1188.7	07/21/15	VOC	Chloroform	67-66-3	UF	INIT	REG	Y	90.9	0.3	µg/L	1	—	NQ	NQ	Y	SW-846:8260B	GELC	80	EPA MCL	1.14
Regional	CdV-R-37-2 S2	1188.7	07/21/15	Inorganic	Manganese	Mn	F	INIT	REG	Y	152	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NMWQCC GW STD	0.76
Regional	CdV-R-37-2 S2	1188.7	05/13/15	Inorganic	Manganese	Mn	F	INIT	REG	Y	176	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	200	NMWQCC GW STD	0.88

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
Base Flow	Between E252 and Water at Beta	—	07/24/15	Inorganic	Aluminum	Al	F	INIT	FD[t]	Y	352	68	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	530	NMWQCC Aqu chronic[u], 50-mg/L hardness	0.66
Base Flow	Between E252 and Water at Beta	—	07/24/15	Inorganic	Aluminum	Al	F	INIT	REG	Y	464	68	µg/L	1	—	NQ	NQ	Y	SW-846:6010C	GELC	530	NMWQCC Aqu chronic, 50-mg/L hardness	0.88

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

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

[c] UF = Unfiltered.

[d] DL = Dilution.

[e] REG = Regular.

[f] Y = Yes.

[g] — = None.

[h] NQ = Not qualified.

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

[j] EPA TAP Screening Level = U.S. Environmental Protection Agency regional screening level for tap water.

[k] INIT = Initial.

[l] N = No.

[m] VOC = Volatile organic compound.

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

[o] 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 but greater than or equal to the instrument detection limit.

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

[q] HE4a = The affected analytes are considered estimates and biased high because this analyte was identified in the method blank but was >5 times the blank.

[r] F = Filtered.

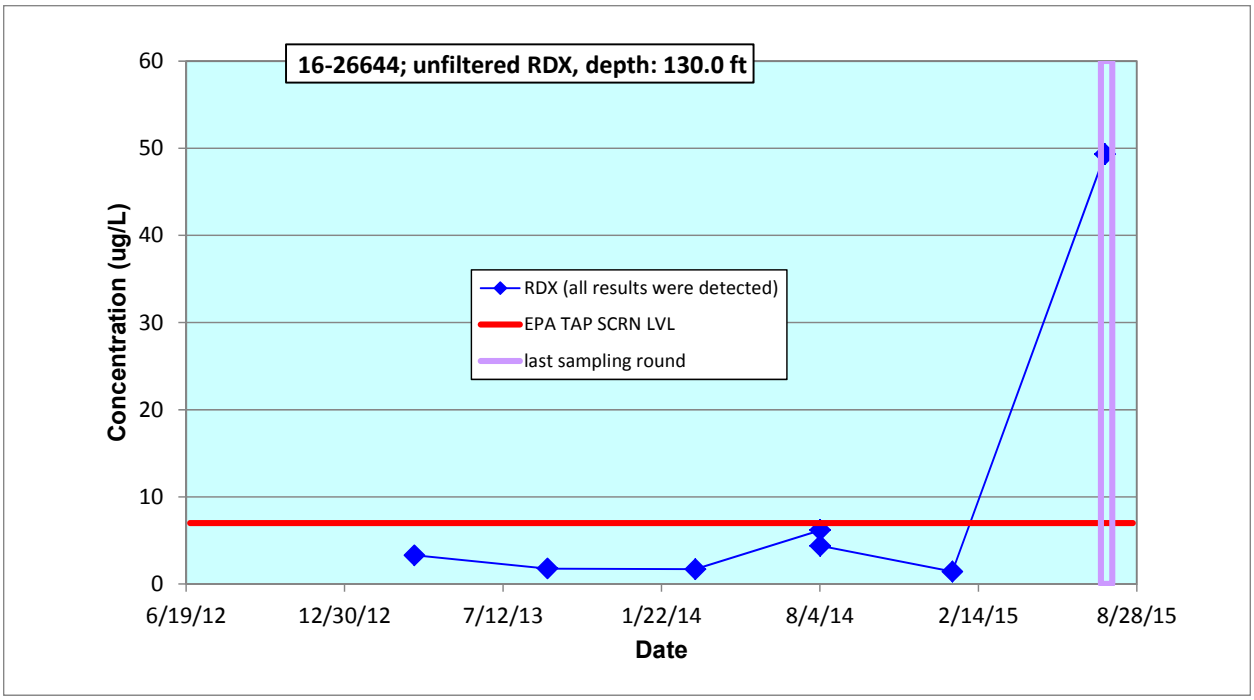
[s] NMWQCC GW STD = New Mexico Water Quality Control Commission groundwater standard.

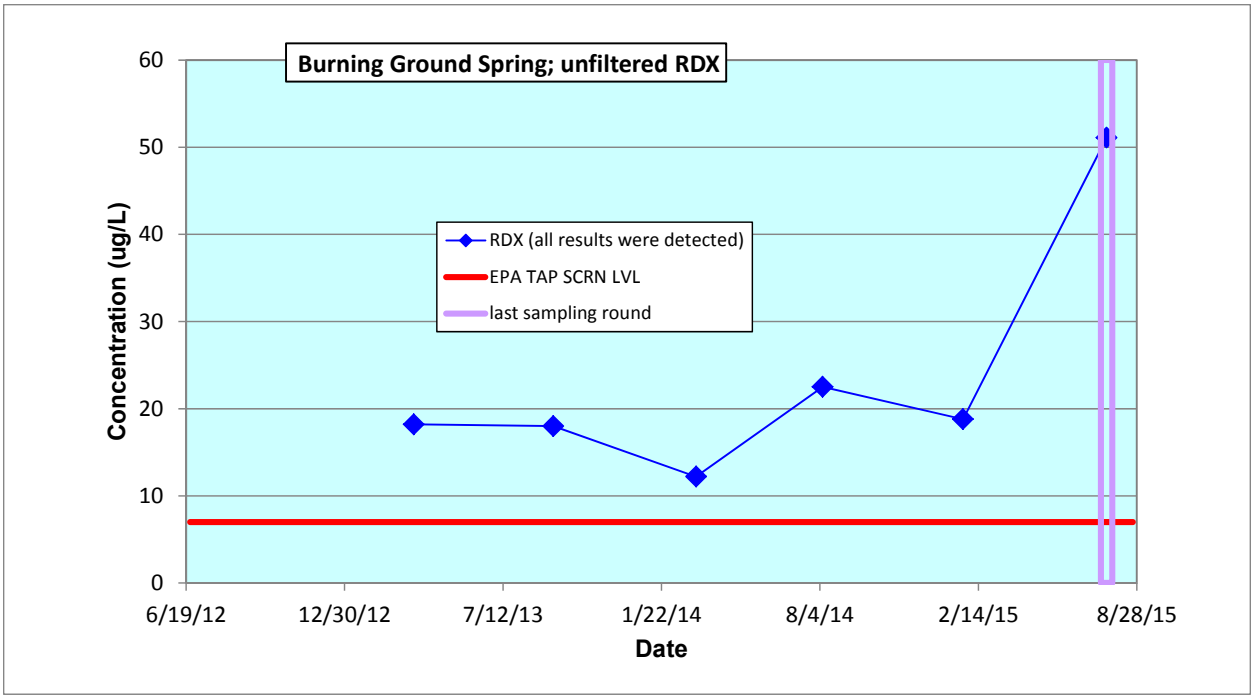
[t] FD = Field duplicate.

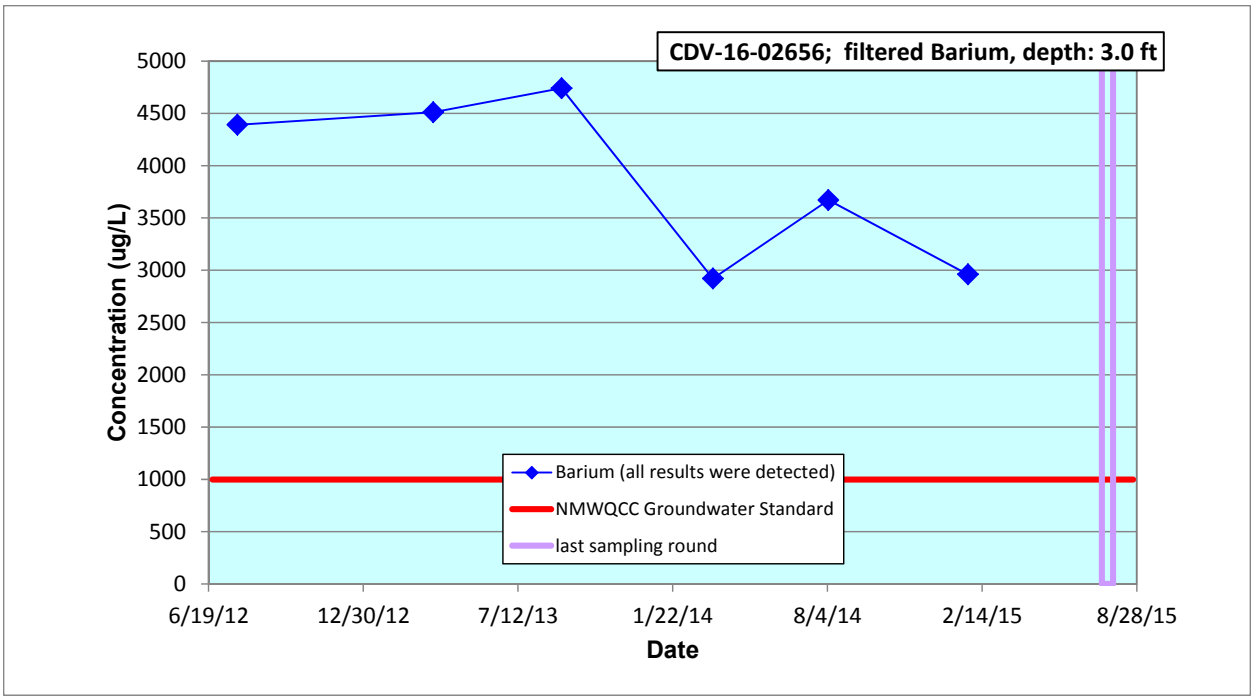
[u] NMWQCC Aqu chronic = New Mexico Water Quality Control Commission aquatic life standards chronic.

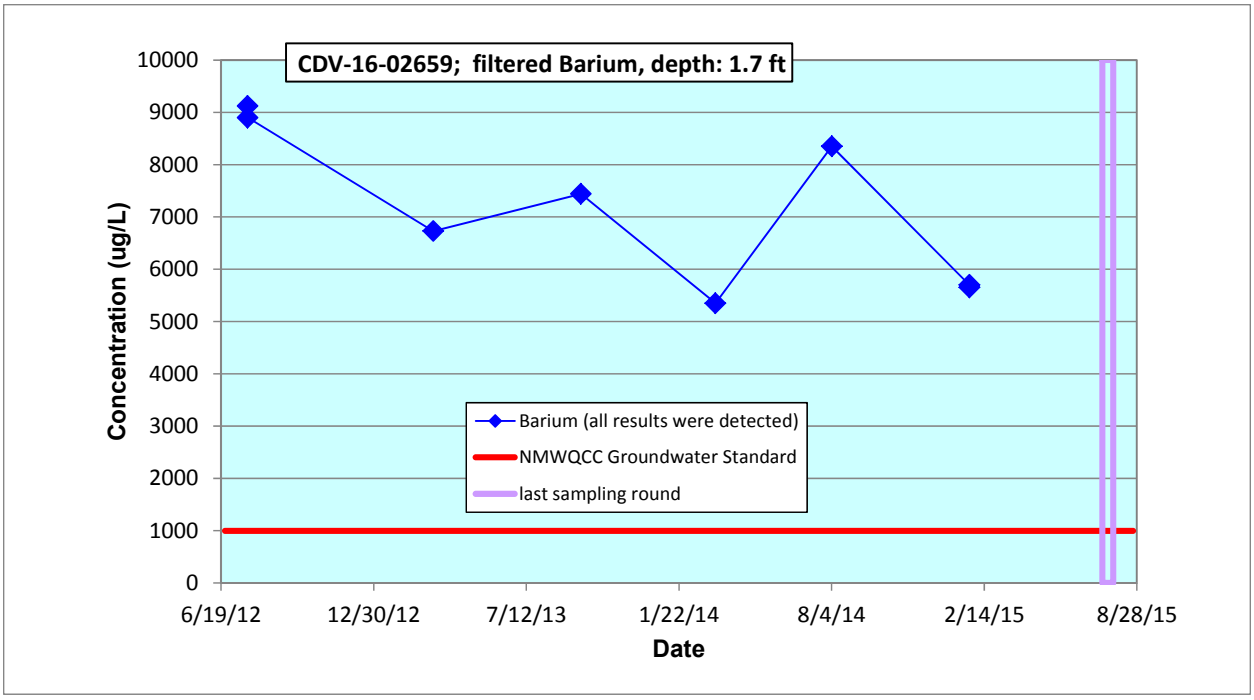
Appendix E

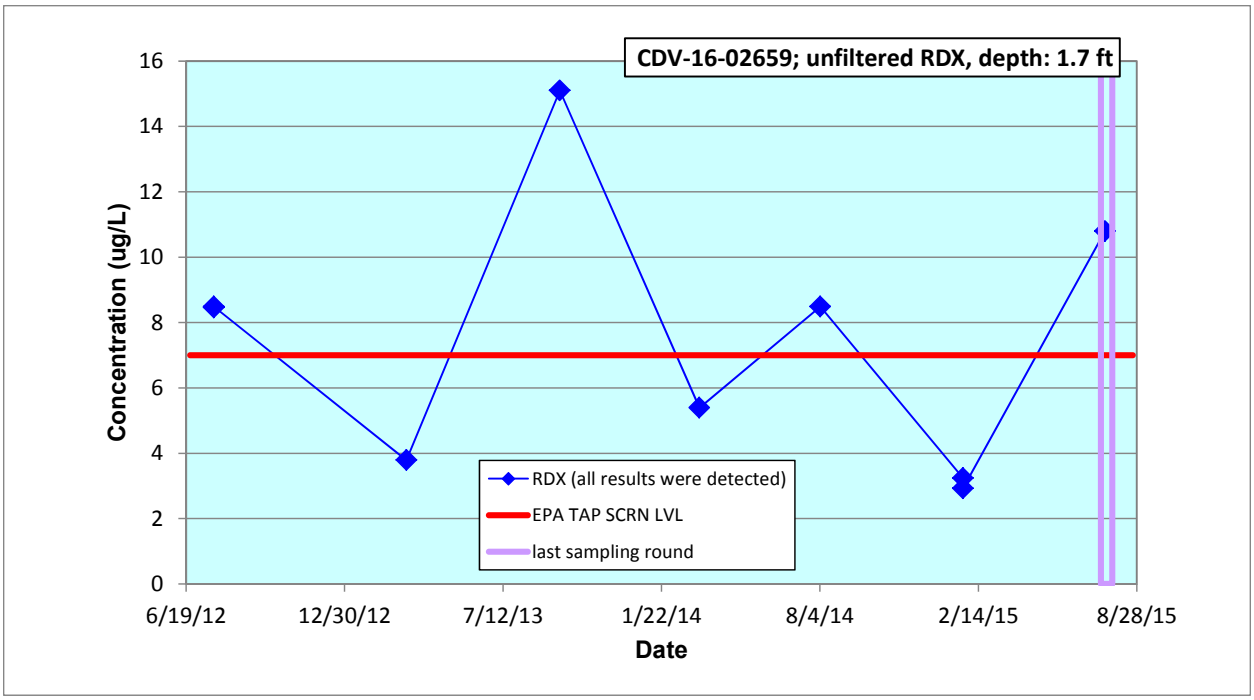
Analytical Chemistry Graphs of Screening-Level Exceedances

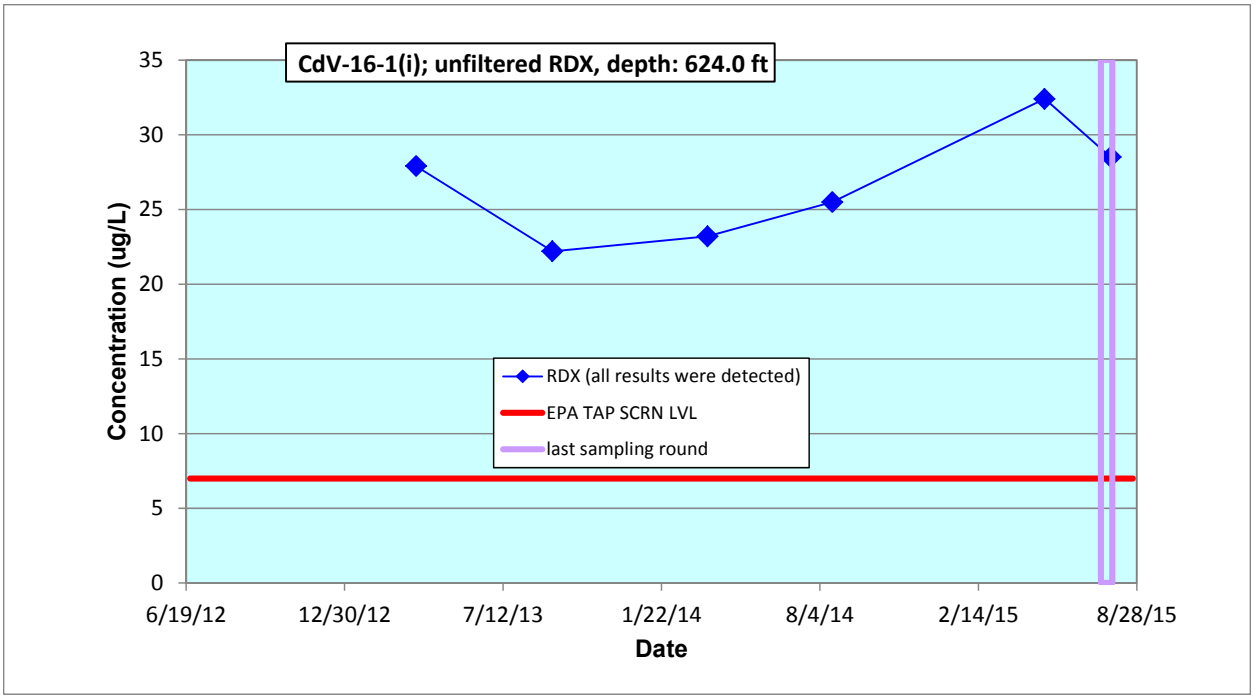

16-26644; unfiltered RDX, depth: 130.0 ft
Concentration (ug/L)
60
50
40
30
20
10
0
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date

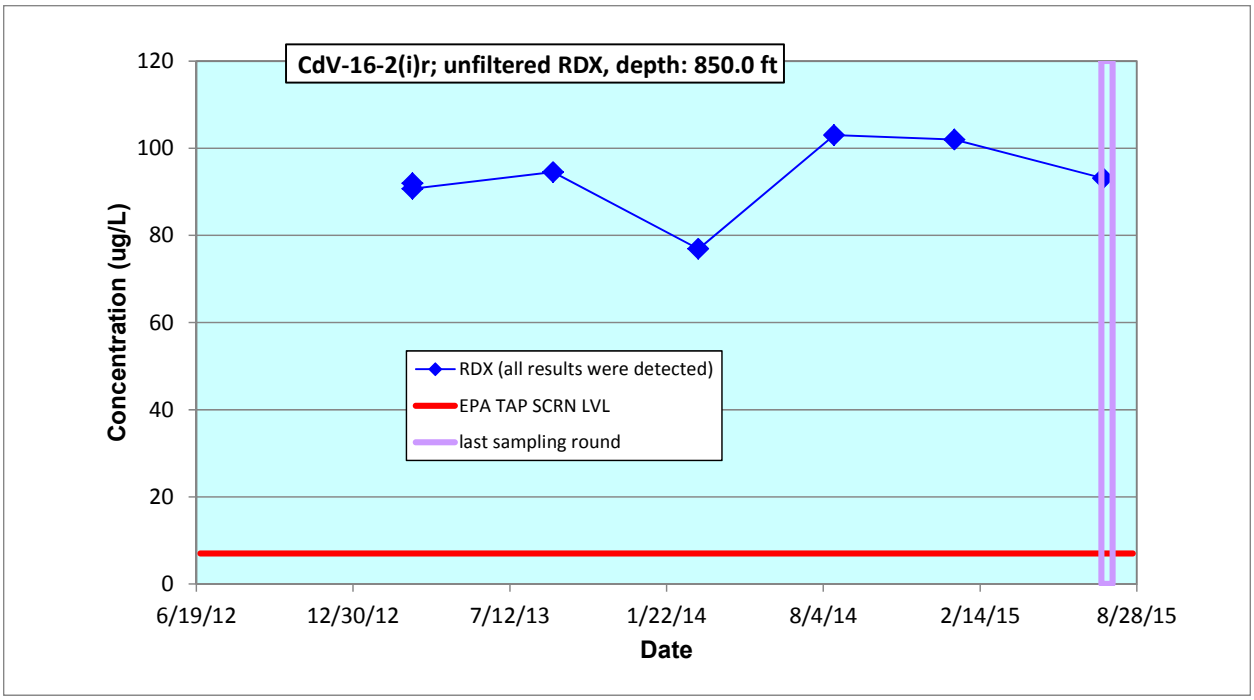

Burning Ground Spring; unfiltered RDX
Concentration (ug/L)
60
50
40
30
20
10
0
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date

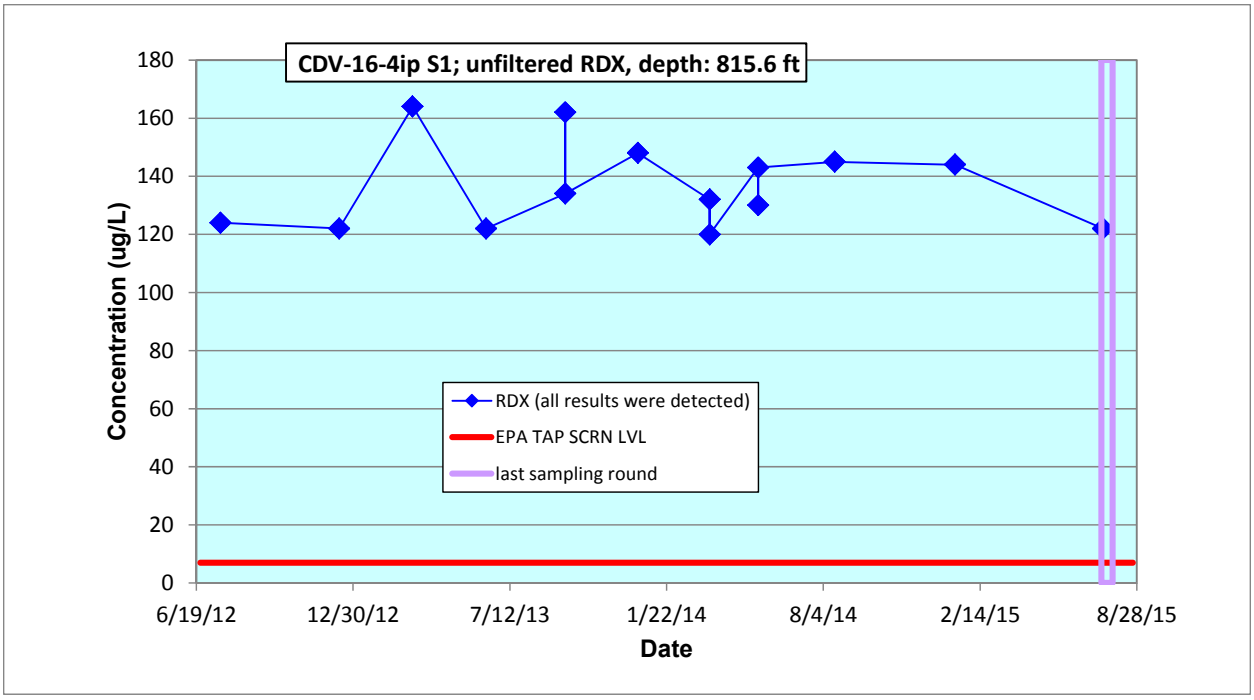

CDV-16-02656; filtered Barium, depth: 3.0 ft
Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date
Barium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

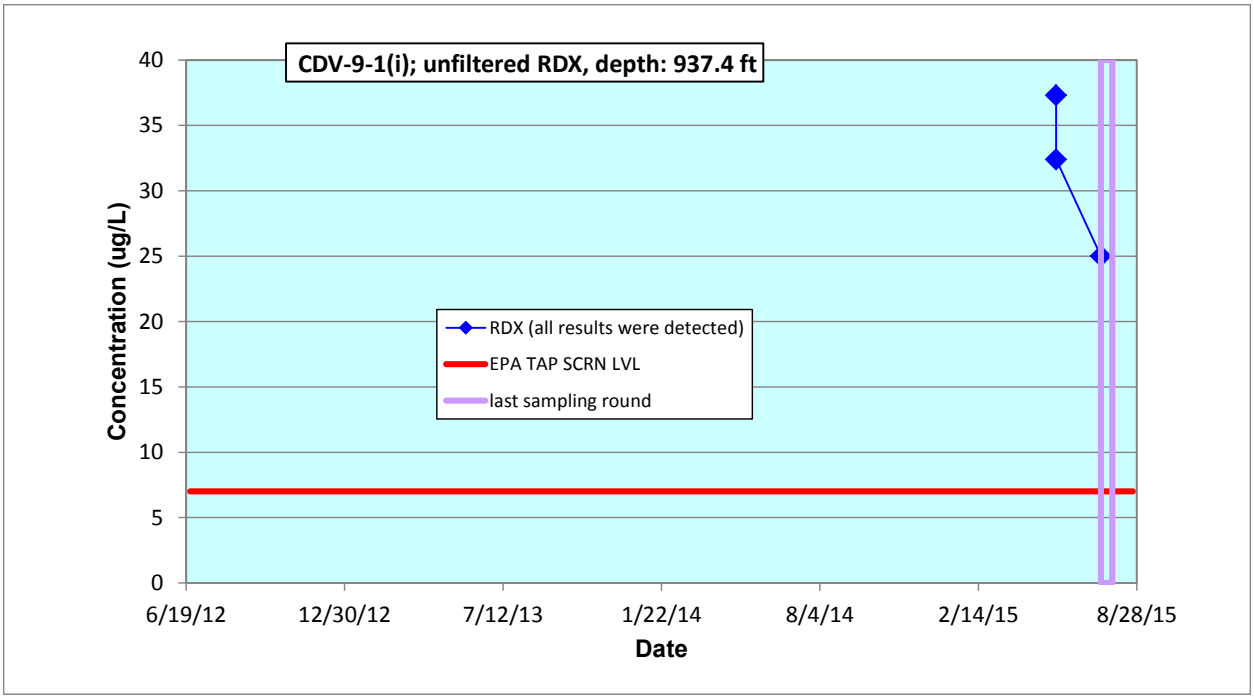

CDV-16-02659; filtered Barium, depth: 1.7 ft
Concentration (ug/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date
Barium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

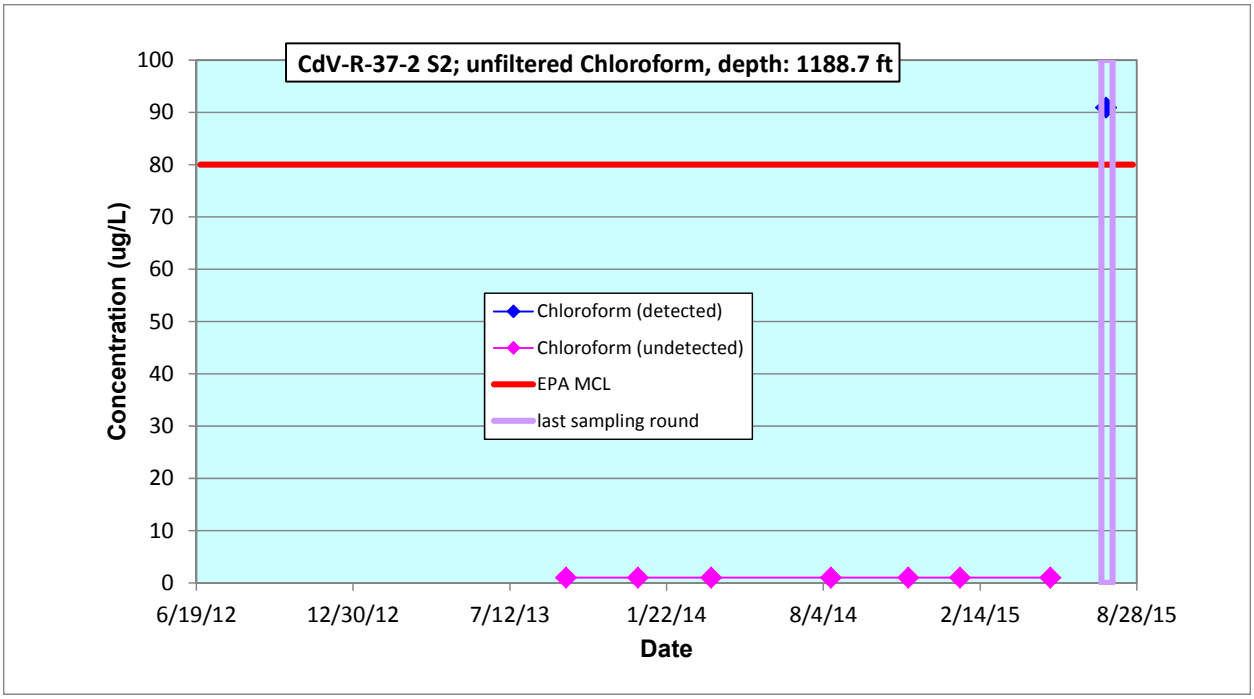

CDV-16-02659; unfiltered RDX, depth: 1.7 ft
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

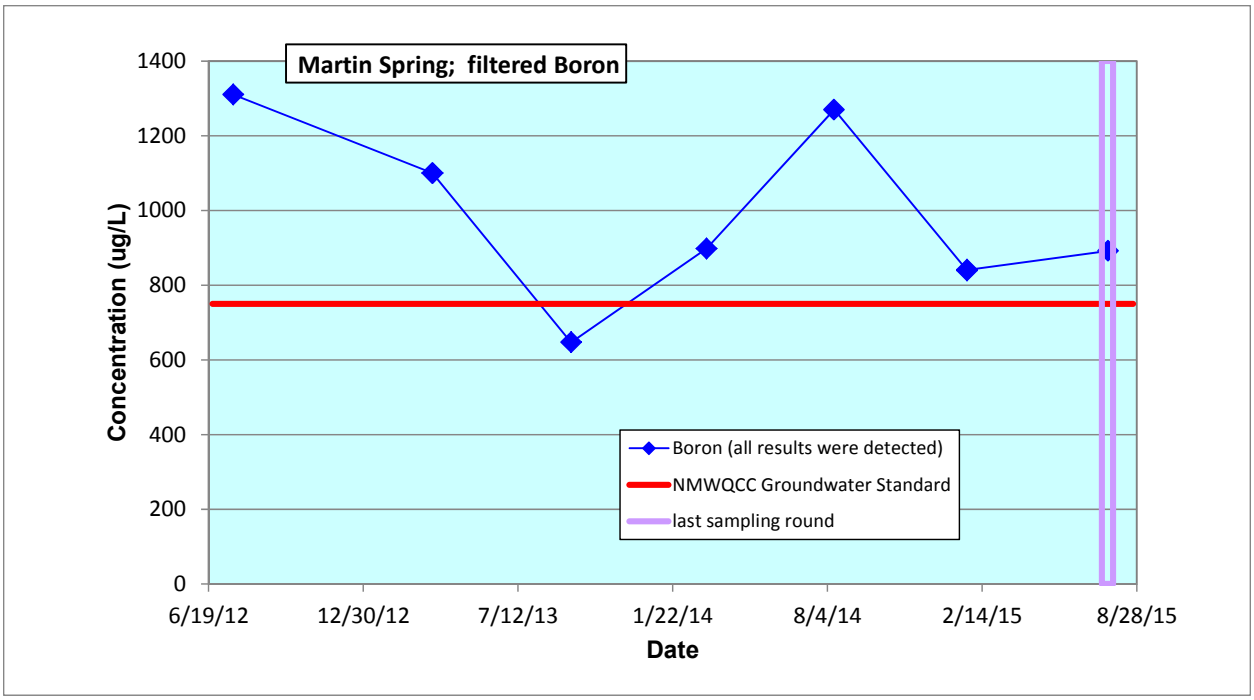

CdV-16-1(i); unfiltered RDX, depth: 624.0 ft
Concentration (ug/L)
35
30
25
20
15
10
5
0
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

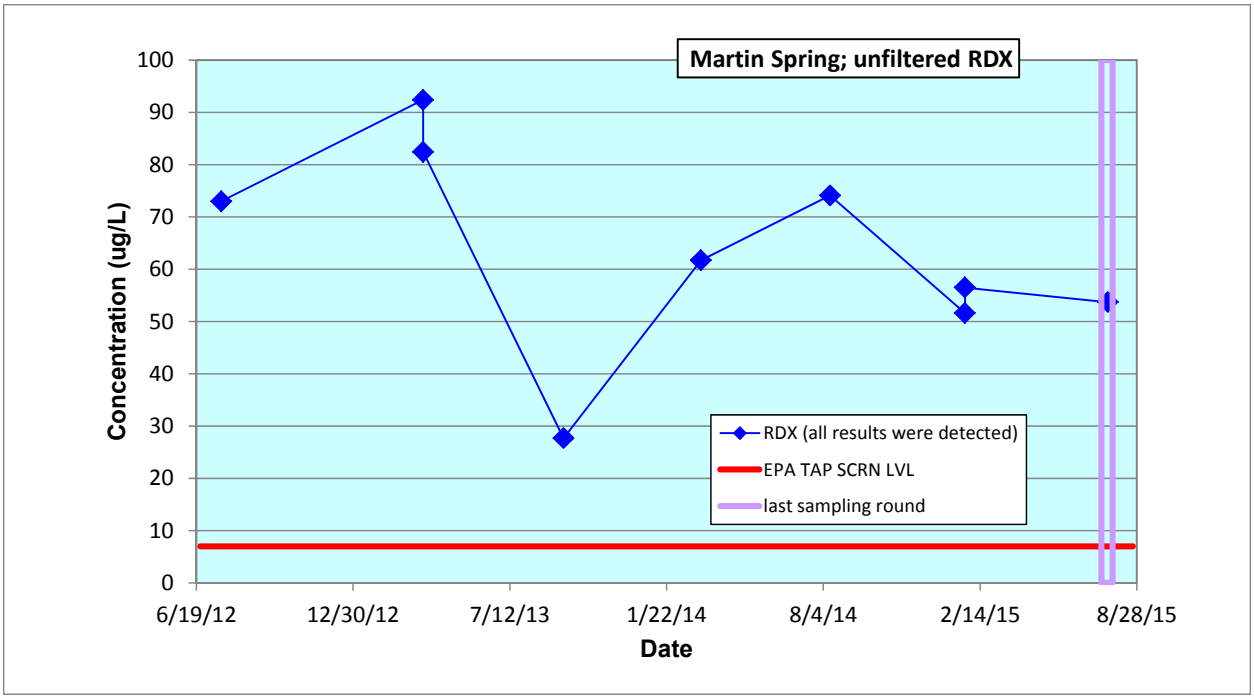

CdV-16-2(i)r; unfiltered RDX, depth: 850.0 ft
Concentration (ug/L)
120
100
80
60
40
20
0
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round


CDV-16-4ip S1; unfiltered RDX, depth: 815.6 ft
Concentration (ug/L)
180
160
140
120
100
80
60
40
20
0
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round


CDV-9-1(i); unfiltered RDX, depth: 937.4 ft
Concentration (ug/L)
40
35
30
25
20
15
10
5
0
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round


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
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date
Chloroform (detected)
Chloroform (undetected)
EPA MCL
last sampling round


Martin Spring; filtered Boron
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
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
6/19/12
12/30/12
7/12/13
1/22/14
8/4/14
2/14/15
8/28/15
Date
RDX (all results were detected)
EPA TAP SCRN LVL
last sampling round

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2015-1204	Inorganic	GELC[a]	CAWA-15-95850	05/13/15	CdV-R-37-2 S2	1188.7	1213.8
2015-1204	Inorganic	GELC	CAWA-15-95855	05/13/15	CdV-R-37-2 S2	1188.7	1213.8
2015-1204	Organic	GELC	CAWA-15-95850	05/13/15	CdV-R-37-2 S2	1188.7	1213.8
2015-1206	Rad[b]	ARSL[c]	CAWA-15-95850	05/13/15	CdV-R-37-2 S2	1188.7	1213.8
2015-1219	Inorganic	GELC	CAWA-15-95851	05/18/15	R-47	1322	1343.3
2015-1219	Inorganic	GELC	CAWA-15-95856	05/18/15	R-47	1322	1343.3
2015-1219	Organic	GELC	CAWA-15-95851	05/18/15	R-47	1322	1343.3
2015-1226	Inorganic	GELC	CAPA-15-95858	05/19/15	R-18	1358	1381
2015-1226	Inorganic	GELC	CAPA-15-95859	05/19/15	R-18	1358	1381
2015-1226	Organic	GELC	CAPA-15-95858	05/19/15	R-18	1358	1381
2015-1245	Inorganic	GELC	CAWA-15-95849	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1245	Inorganic	GELC	CAWA-15-95854	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1245	Inorganic	GELC	CAWA-15-95841	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1245	Inorganic	GELC	CAWA-15-95842	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1245	Organic	GELC	CAWA-15-95841	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1245	Organic	GELC	CAWA-15-95849	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1245	Rad	GELC	CAWA-15-95849	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1245	Rad	GELC	CAWA-15-95841	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1248	Organic	CFA	CAWA-15-95841	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1248	Organic	CFA	CAWA-15-95849	05/21/15	CDV-9-1(i)	937.4	992.4
2015-1711	Inorganic	GELC	CAWA-15-100859	07/15/15	CDV-9-1(i)	937.4	992.4
2015-1711	Inorganic	GELC	CAWA-15-100837	07/15/15	CDV-9-1(i)	937.4	992.4
2015-1711	Organic	GELC	CAWA-15-100837	07/15/15	CDV-9-1(i)	937.4	992.4
2015-1739	Organic	GELC	CAWA-15-100835	07/17/15	CDV-16-4ip S1	815.6	879.2
2015-1740	Inorganic	GELC	CAWA-15-100845	07/16/15	R-63	1325	1345.3
2015-1740	Inorganic	GELC	CAWA-15-100867	07/16/15	R-63	1325	1345.3
2015-1740	Organic	GELC	CAWA-15-100845	07/16/15	R-63	1325	1345.3
2015-1741	Inorganic	GELC	CAPA-15-100897	07/16/15	Bulldog Spring	—[d]	—
2015-1741	Inorganic	GELC	CAPA-15-100899	07/16/15	Bulldog Spring	—	—
2015-1741	Organic	GELC	CAPA-15-100897	07/16/15	Bulldog Spring	—	—
2015-1749	Inorganic	GELC	CAWA-15-100860	07/17/15	CdV-R-15-3 S4	1235.1	1278.9
2015-1749	Inorganic	GELC	CAWA-15-100802	07/17/15	CdV-R-15-3 S4	1235.1	1278.9
2015-1749	Inorganic	GELC	CAWA-15-100804	07/17/15	CdV-R-15-3 S4	1235.1	1278.9
2015-1749	Inorganic	GELC	CAWA-15-100838	07/17/15	CdV-R-15-3 S4	1235.1	1278.9
2015-1749	Organic	GELC	CAWA-15-100830	07/17/15	Canon de Valle below MDA P	—	—
2015-1749	Organic	GELC	CAWA-15-100802	07/17/15	CdV-R-15-3 S4	1235.1	1278.9

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2015-1749	Organic	GELC	CAWA-15-100838	07/17/15	CdV-R-15-3 S4	1235.1	1278.9
2015-1749	Organic	GELC	CAWA-15-100834	07/17/15	CdV-16-2(i)r	850	859.7
2015-1764	Organic	GELC	CAWA-15-100827	07/20/15	16-26644	130	145
2015-1764	Organic	GELC	CAWA-15-100832	07/20/15	CDV-16-02659	1.7	6.7
2015-1791	Inorganic	GELC	CAWA-15-100861	07/21/15	CdV-R-37-2 S2	1188.7	1213.8
2015-1791	Inorganic	GELC	CAWA-15-100839	07/21/15	CdV-R-37-2 S2	1188.7	1213.8
2015-1791	Organic	GELC	CAWA-15-100843	07/21/15	R-26 PZ-2	150	180
2015-1791	Organic	GELC	CAWA-15-100839	07/21/15	CdV-R-37-2 S2	1188.7	1213.8
2015-1818	Rad	ARSL	CAWA-15-100837	07/15/15	CDV-9-1(i)	937.4	992.4
2015-1818	Rad	ARSL	CAWA-15-100839	07/21/15	CdV-R-37-2 S2	1188.7	1213.8
2015-1842	Inorganic	GELC	CAWA-15-100851	07/22/15	Burning Ground Spring	—	—
2015-1842	Inorganic	GELC	CAWA-15-100829	07/22/15	Burning Ground Spring	—	—
2015-1842	Organic	GELC	CAWA-15-100836	07/22/15	CDV-16-611923	3.2	8.2
2015-1842	Organic	GELC	CAWA-15-100829	07/22/15	Burning Ground Spring	—	—
2015-1862	Inorganic	GELC	CAWA-15-100841	07/23/15	Martin Spring	—	—
2015-1862	Inorganic	GELC	CAWA-15-100863	07/23/15	Martin Spring	—	—
2015-1862	Organic	GELC	CAWA-15-100841	07/23/15	Martin Spring	—	—
2015-1862	Organic	GELC	CAWA-15-100831	07/23/15	CDV-16-02656	3	8
2015-1876	Inorganic	GELC	CAWA-15-100801	07/24/15	Between E252 and Water at Beta	—	—
2015-1876	Inorganic	GELC	CAWA-15-100803	07/24/15	Between E252 and Water at Beta	—	—
2015-1876	Inorganic	GELC	CAWA-15-100828	07/24/15	Between E252 and Water at Beta	—	—
2015-1876	Inorganic	GELC	CAWA-15-100850	07/24/15	Between E252 and Water at Beta	—	—
2015-1876	Organic	GELC	CAWA-15-100801	07/24/15	Between E252 and Water at Beta	—	—
2015-1876	Organic	GELC	CAWA-15-100828	07/24/15	Between E252 and Water at Beta	—	—
2015-1876	Rad	GELC	CAWA-15-100801	07/24/15	Between E252 and Water at Beta	—	—
2015-1876	Rad	GELC	CAWA-15-100828	07/24/15	Between E252 and Water at Beta	—	—
2015-1893	Organic	GELC	CAWA-15-100833	07/27/15	CdV-16-1(i)	624	634
2015-1905	Inorganic	GELC	CAWA-15-100842	07/28/15	R-25b	750	770.8
2015-1905	Inorganic	GELC	CAWA-15-100864	07/28/15	R-25b	750	770.8
2015-1905	Organic	GELC	CAWA-15-100842	07/28/15	R-25b	750	770.8
2015-1916	Inorganic	GELC	CAPA-15-100893	07/29/15	R-18	1358	1381
2015-1916	Inorganic	GELC	CAPA-15-100894	07/29/15	R-18	1358	1381
2015-1916	Inorganic	GELC	CAPA-15-100898	07/29/15	R-18	1358	1381

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2015-1916	Inorganic	GELC	CAPA-15-100900	07/29/15	R-18	1358	1381
2015-1916	Organic	GELC	CAPA-15-100893	07/29/15	R-18	1358	1381
2015-1916	Organic	GELC	CAPA-15-100898	07/29/15	R-18	1358	1381
2015-1917	Inorganic	GELC	CAWA-15-100866	07/29/15	R-47	1322	1343.3
2015-1917	Inorganic	GELC	CAWA-15-100844	07/29/15	R-47	1322	1343.3
2015-1917	Organic	GELC	CAWA-15-100844	07/29/15	R-47	1322	1343.3
2015-1925	Rad	ARSL	CAWA-15-100844	07/29/15	R-47	1322	1343.3

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

[b] Rad = Radiochemistry (not gamma).

[c] ARSL = American Radiation Services, Inc.

[d] — = Not applicable.