

LA-UR-14-20514
February 2014
EP2014-0006

**Periodic Monitoring Report for
Technical Area 16 260
Monitoring Group,
September 3–September 23, 2013**



Prepared by the Environmental Programs Directorate

Los Alamos National Laboratory, operated by Los Alamos National Security, LLC, for the U.S. Department of Energy under Contract No. DE-AC52-06NA25396, has prepared this document pursuant to the Compliance Order on Consent, signed March 1, 2005. The Compliance Order on Consent contains requirements for the investigation and cleanup, including corrective action, of contamination at Los Alamos National Laboratory. The U.S. government has rights to use, reproduce, and distribute this document. The public may copy and use this document without charge, provided that this notice and any statement of authorship are reproduced on all copies.


Periodic Monitoring Report for Technical Area 16 260 Monitoring Group, September 3–September 23, 2013

February 2014

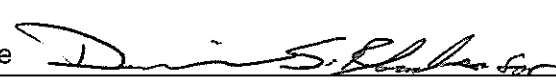
Responsible project manager:

Steve Paris		Project Manager	Environmental Programs	2/19/14
Printed Name	Signature	Title	Organization	Date

Responsible LANS representative:

Jeff Mousseau		Associate Director	Environmental Programs	2/19/14
Printed Name	Signature	Title	Organization	Date

Responsible DOE representative:

Peter Maggiore		Assistant Manager	DOE-NA-00-LA	2-21-2014
Printed Name	Signature	Title	Organization	Date

EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the fiscal year 2013, 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 2013 Monitoring Year, October 2012–September 2013, prepared in accordance with the Compliance Order on Consent. Two locations from the Water Canyon watershed portion of the General Surveillance monitoring group are also included in this PMR.

The PME documented in this report occurred from September 3 to September 23, 2013, and included the monitoring of groundwater wells or well screens, springs, and surface-water locations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

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

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

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

CONTENTS

1.0 INTRODUCTION 1
 1.1 Background..... 1

2.0 SCOPE OF ACTIVITIES 2

3.0 MONITORING RESULTS 2
 3.1 Methods and Procedures 2
 3.2 Field Parameter Results 3
 3.3 Water-Level Observations 3
 3.4 Deviations from Planned Scope 3

4.0 ANALYTICAL DATA RESULTS..... 3
 4.1 Methods and Procedures 3
 4.2 Analytical Data..... 4
 4.2.1 Surface Water (Base Flow) 6
 4.2.2 Groundwater..... 6
 4.3 Sampling Program Modifications 7

5.0 SUMMARY 7
 5.1 Monitoring Results 7
 5.2 Analytical Results 7
 5.2.1 Surface Water (Base Flow) 7
 5.2.2 Groundwater..... 7
 5.3 Data Gaps..... 7
 5.4 Remediation System Monitoring..... 8

6.0 REFERENCES 8

Figures

Figure 2.0-1 Locations monitored for this PME 9
 Figure 3.3-1 Base-flow measurements 10
 Figure 4.2-1 Monitoring group filtered barium concentrations in µg/L..... 11
 Figure 4.2-2 Monitoring group unfiltered RDX concentrations in µg/L 12
 Figure 4.2-3 Monitoring group filtered iron concentrations in µg/L..... 13

Tables

Table 2.0-1 TA-16 260 Monitoring Group Locations and General Information 15
 Table 3.4-1 TA-16 260 Monitoring Group PME Observations and Deviations 16
 Table 3.4-2 Analytes with PQLs above Screening Levels 16
 Table 4.2-1 Sources of Screening Levels for Groundwater and Surface Water at Los Alamos
 National Laboratory..... 18
 Table 4.2-2 Base-Flow Location Type and Hardness Assignments Used to Select
 Screening Levels..... 18
 Table 4.2-3 TA-16 260 Monitoring Group Groundwater Results above Screening Levels..... 19

Appendixes

- Appendix A Field Parameter Results, Including Results from Previous Four Monitoring Events if Available
- 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
- Appendix D Groundwater Results Greater Than Half of Screening Levels
- Appendix E Analytical Chemistry Graphs of Screening-Level Exceedances
- Appendix F Analytical Reports (on CD included with this document)

Plate

- Plate 1 Groundwater elevations

Acronyms and Abbreviations

amsl	above mean sea level
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations (U.S.)
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guide (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
FY	fiscal year
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)
MCPA	2-methyl-4-chlorophenoxyacetic acid
MCPP	2-(4-chloro-2-methylphenoxy)propanoic acid
MDA	material disposal area
MDL	method detection limit
N	no (best value flag code)
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PMR	periodic monitoring report
PQL	practical quantitation limit
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RPF	Records Processing Facility
SOP	standard operating procedure
TA	technical area
TNT	2,4,6-trinitrotoluene
UF	unfiltered
VOC	volatile organic compound
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of fiscal year (FY) 2013, 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 2013 Monitoring Year, October 2012–September 2013 (2013 IFGMP) (LANL 2012, 225493), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). This periodic monitoring event (PME) occurred from September 3 to September 23, 2013, and included sampling at groundwater wells or well screens, springs, and surface-water locations.

Two locations from the Water Canyon watershed portion of the General Surveillance monitoring group are also included in this PMR. Base-flow location Between E252 and Water at Beta was sampled, while alluvial well WCO-1r was not sampled because it was dry.

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

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

This report presents the following information:

- general background information on the monitoring group
- field-measurement monitoring results
- water-quality monitoring results
- screening analysis results (comparing these PME results with screening levels and results from previous reports)
- a summary based on the data and the screening analysis

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to the New Mexico Environment Department (NMED) in accordance with U.S. Department of Energy (DOE) policy.

1.1 Background

Most of the monitoring wells discussed in the 2013 IFGMP (LANL 2012, 225493) are assigned to area-specific monitoring groups related to project areas that may be located in more than one watershed. Locations that are not included within one of these six area-specific monitoring groups are assigned to the General Surveillance monitoring group. This PMR presents results from one well and one base-flow location in the Water Canyon watershed portion of the General Surveillance monitoring group.

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

The TA-16 260 monitoring group includes springs, alluvial wells, and wells completed in several deeper intermediate-perched groundwater zones and in the regional aquifer. Shallow monitoring locations such as the springs and alluvial wells are included in this monitoring group because they contain HE, barium, and volatile organic compound (VOC) contamination related to past activities at the 260 Outfall and other sites in the area.

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

Discharges from the former 260 Outfall during the past 50 yr at Consolidated Unit 16-021(c)-99 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 2013 IFGMP (LANL 2012, 225493).

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 2013 IFGMP (LANL 2012, 225493).

3.2 Field Parameter Results

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

3.3 Water-Level Observations

The periodic monitoring water-level data for the previous 2 yr are presented in Appendix B (on CD included with this document). For wells equipped with transducers, the reported water level is the water-level measurement taken earliest on the day of sampling. All manual measurements were recorded immediately before sampling. The groundwater-elevation measurements are shown graphically on Plate 1. Similarly, base-flow measurements are shown graphically in Figure 3.3-1.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the fieldwork deviations from the planned scope of the PME. Table 3.4-2 presents a list of analytes for which the practical quantitation limits (PQLs) are greater than screening levels.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PMEs are documented in the 2013 IFGMP (LANL 2012, 225493). Purge water is managed and characterized in accordance with waste profile form 39268, a copy of which was included in Appendix F of a previous PMR (LANL 2008, 103737), and ENV-RCRA-QP-010.2, Land Application of Groundwater. ENV-RCRA-QP-010.2 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling 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 available at <http://www.lanl.gov/community-environment/environmental-stewardship/plans-procedures.php>. 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 was used in the secondary data-validation process to evaluate the quality of individual analytical results, evaluate the appropriateness of the analytical methodologies, and measure the routine performance of the analytical laboratory.

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

After the Laboratory receives the analytical laboratory data packages, the packages receive secondary validation. 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, 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 are used to designate the preferred result, which is marked with a best value flag of “Y” (yes). The redundant values of lower quality are assigned a best value flag of “N” (no). In cases where a reanalysis gives a significantly different result than an earlier value, the original result may be rejected and assigned a best value flag of N, and the reanalysis result may be marked with a best value flag of Y. The best value flag is included in Appendix C.

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

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

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

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

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

Figures 4.2-1 through 4.2-3 show concentrations at all locations from the current PME for analytes that exceeded their screening level at more than one sampling location. For example, filtered barium was above the NMWQCC groundwater screening level at more than one well, so all available barium values from the current PME are shown in addition to the screening-level exceedances, which are displayed in yellow boxes.

4.2.1 Surface Water (Base Flow)

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

4.2.2 Groundwater

For a June 13, 2013, sampling event at CDV-16-4ip S1 (the 815-ft intermediate screen 1), the RDX concentration of 122 µg/L was above the 6.1-µg/L EPA tap water screening level. For the current PME, the September 19, 2013, field duplicate and primary sample results were 162 µg/L and 134 µg/L, respectively, which were also above the screening level. The nine results from this screen, since the first in August 2010, range from 122 µg/L to 265 µg/L.

For the current PME, the filtered barium concentrations at two Cañon de Valle alluvial wells were above the NMWQCC groundwater standard screening level of 1000 µg/L. At CDV-16-02656 and CDV-16-02659 the new results of 4740 µg/L and 7440 µg/L, respectively, are within the ranges measured at the wells since 1997. The ranges at these wells are 2030 µg/L to 5150 µg/L for CDV-16-02656 and 4580 µg/L to 13,600 µg/L for CDV-16-02659.

The RDX concentration in CDV-16-02659 of 15.1 µg/L was above the EPA tap water screening level of 6.1 µg/L. The new result is within the range of measurements since 1997 of 6.09 µg/L to 200 µg/L.

Alluvial well FLC-16-25280 in Fishladder Canyon had filtered iron and manganese results of 2040 µg/L and 345 µg/L, respectively, which were above their respective NMWQCC groundwater standard screening levels. The iron result is the lowest and the manganese result the highest measured at the well. Iron concentrations in five earlier samples collected since 2008 range from 3020 µg/L to 10,600 µg/L; the NMWQCC groundwater standard screening level (applicable to domestic water supply) is 1000 µg/L. Manganese concentrations range from 49.8 µg/L to 330 µg/L; the NMWQCC groundwater standard screening level (applicable to domestic water supply) is 200 µg/L.

The tetrachloroethene result of 15.6 µg/L at FLC-16-25280 was above the 5-µg/L EPA MCL screening level. The new result is within the range of measurements since 2006 of 2.6 µg/L to 112 µg/L.

The filtered iron concentration of 1860 µg/L from intermediate groundwater location Martin Spring was above the 1000-µg/L NMWQCC groundwater standard screening level (applicable to domestic water supply). Concentrations in samples taken at Martin Spring since 1995 range from 29.3 µg/L to 2690 µg/L for 43 detections; there were also 31 samples that were nondetect.

The RDX concentrations in six intermediate wells or well ports and two intermediate springs were above the EPA tap water screening level of 6.1 µg/L. These locations include three intermediate screens of R-25. Many of the results at these R-25 screens have been qualified as estimated. At the 738-ft screen 1 of R-25, the new result of 24.7 µg/L is below most measurements since 2000 that range from 26 µg/L to 74 µg/L (as well as two very low results). At the 882-ft screen 2, the result of 6.31 µg/L is within the range of previous results that lie between nondetect (<0.1 µg/L) and 38 µg/L. At the 1184-ft screen 4, the result of 23.2 µg/L is within the range of previous results that lie between 1.9 µg/L and 26.7 µg/L.

The RDX results for the 815-ft intermediate screen 1 of CDV-16-4ip S1 were discussed earlier.

For the other intermediate locations, RDX has been measured at similar concentrations at each location over the duration of sampling, which is at least 16 yr in the springs and 8 yr in the wells.

4.3 Sampling Program Modifications

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

5.0 SUMMARY

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

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

5.2.2 Groundwater

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

For results above screening levels, except for the highest manganese concentration measured at FLC-16-25280, the types of contaminants detected and their concentrations are consistent with data reported from previous PMEs in this monitoring group.

5.3 Data Gaps

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

5.4 Remediation System Monitoring

Corrective measures in TA-16 included constructing a permeable reactive barrier in Cañon de Valle, injection grouting at the surge bed underlying the former settling pond at the TA-16 260 building outfall, and constructing a low-permeability cap over the former settling ponds. The “2010/2011 Monitoring Summary Report for the Technical Area 16 Permeable Reactive Barrier and Associated Corrective Measures Implementation Projects,” submitted to NMED in September 2011, describes operations and maintenance activities, monitoring results, and problems with implementing corrective measures from February 2010 to August 2011 at Consolidated Unit 16-021(c)-99 (LANL 2011, 206408). The permeable reactive barrier was destroyed by flooding in August 2011 following the Las Conchas fire (LANL 2012, 223032).

6.0 REFERENCES

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

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

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

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

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

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

LANL (Los Alamos National Laboratory), September 2011. “2010/2011 Monitoring Summary Report for the Technical Area 16 Permeable Reactive Barrier and Associated Corrective Measures Implementation Projects,” Los Alamos National Laboratory document LA-UR-11-4911, Los Alamos, New Mexico. (LANL 2011, 206408)

LANL (Los Alamos National Laboratory), July 2012. “Reconnaissance Survey Report for Post–Las Conchas Fire Flooding in Water Canyon and Cañon de Valle,” Los Alamos National Laboratory document LA-UR-12-23405, Los Alamos, New Mexico. (LANL 2012, 223032)

LANL (Los Alamos National Laboratory), August 2012. “Interim Facility-Wide Groundwater Monitoring Plan for the 2013 Monitoring Year, October 2012–September 2013,” Los Alamos National Laboratory document LA-UR-12-21331, Los Alamos, New Mexico. (LANL 2012, 225493)

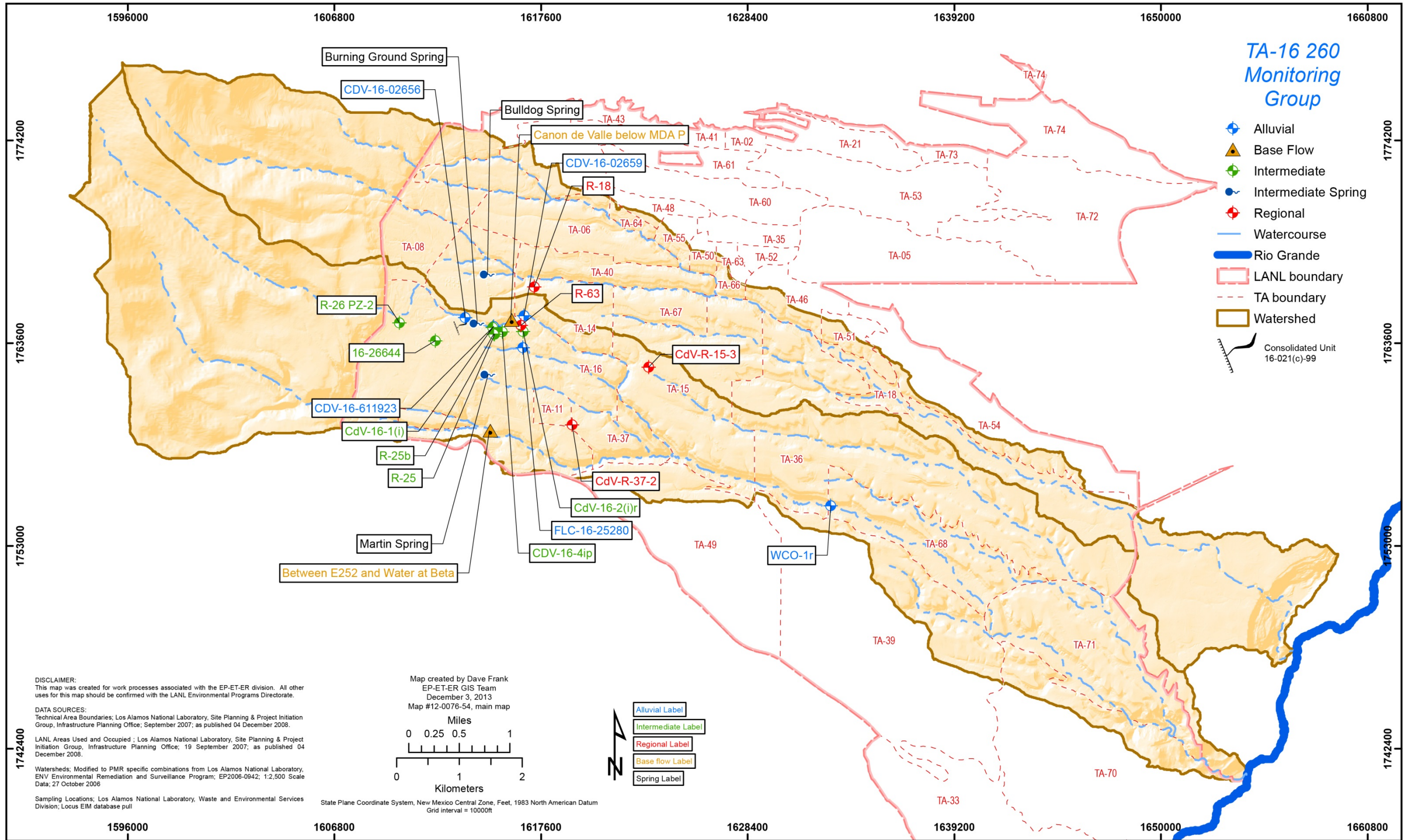


Figure 2.0-1 Locations monitored for this PME. Some locations on this map may not have been sampled (see Table 3.4-1).

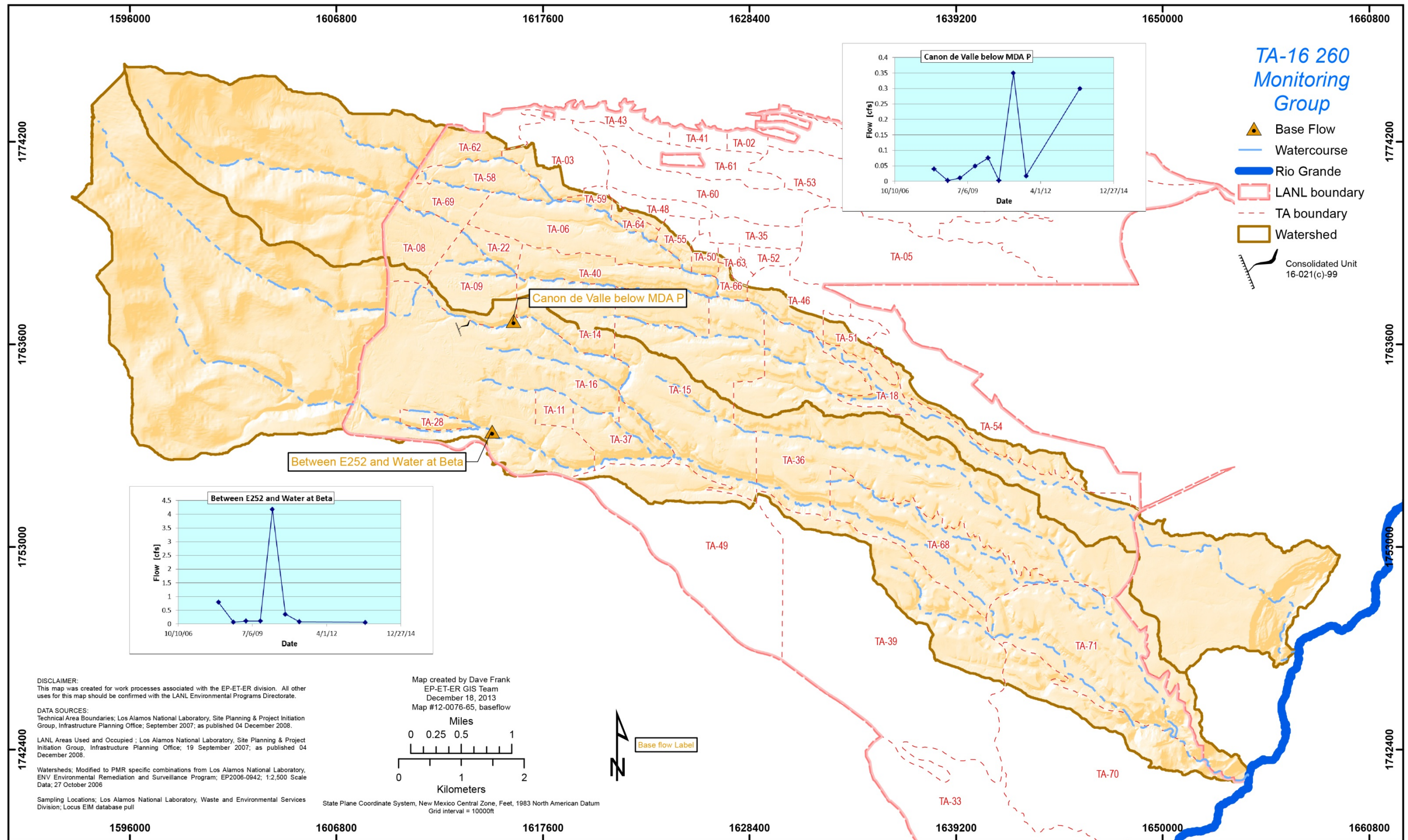


Figure 3.3-1 Base-flow measurements

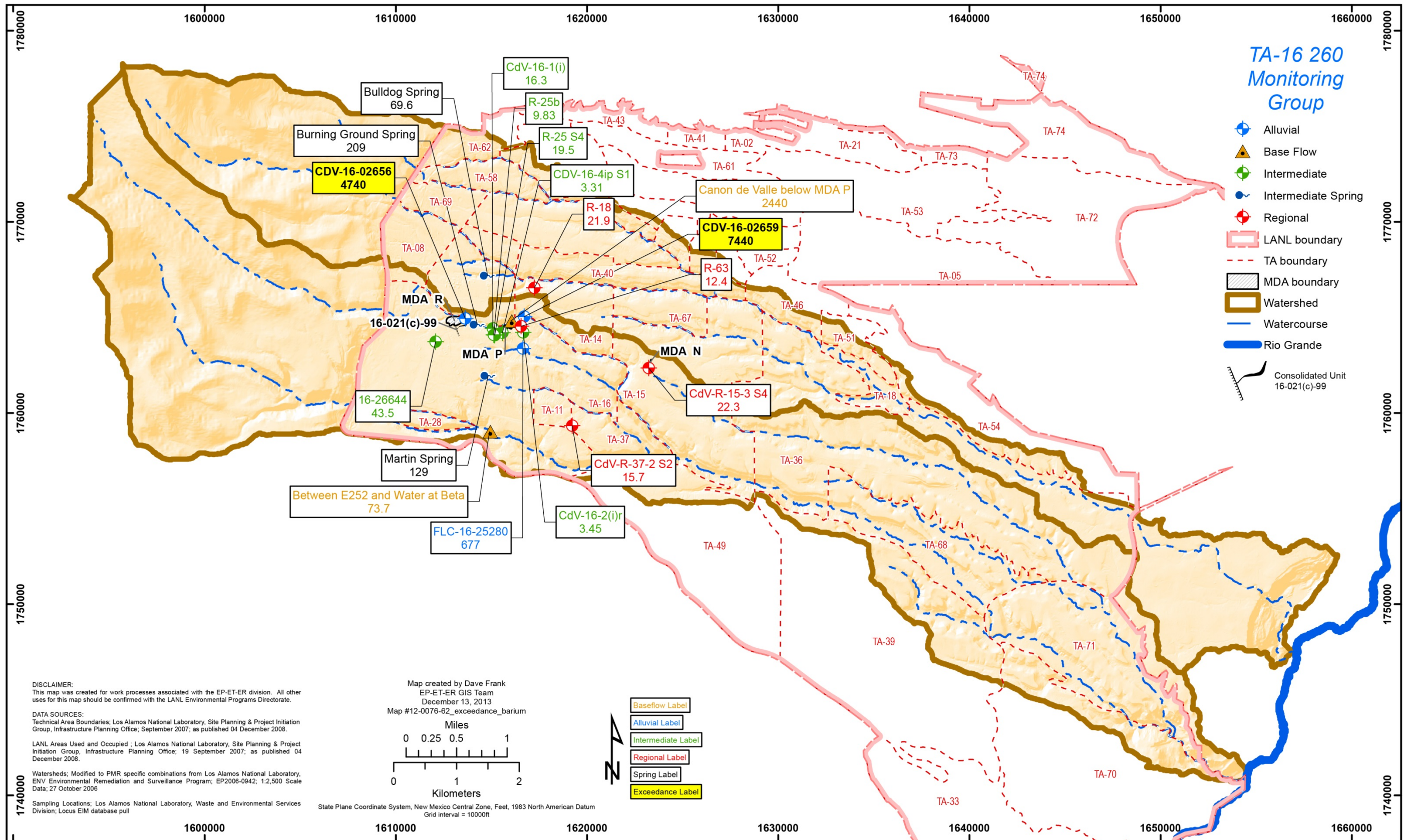


Figure 4.2-1 Monitoring group filtered barium concentrations in µg/L. The NMWQCC groundwater standard screening level is 1000 µg/L.

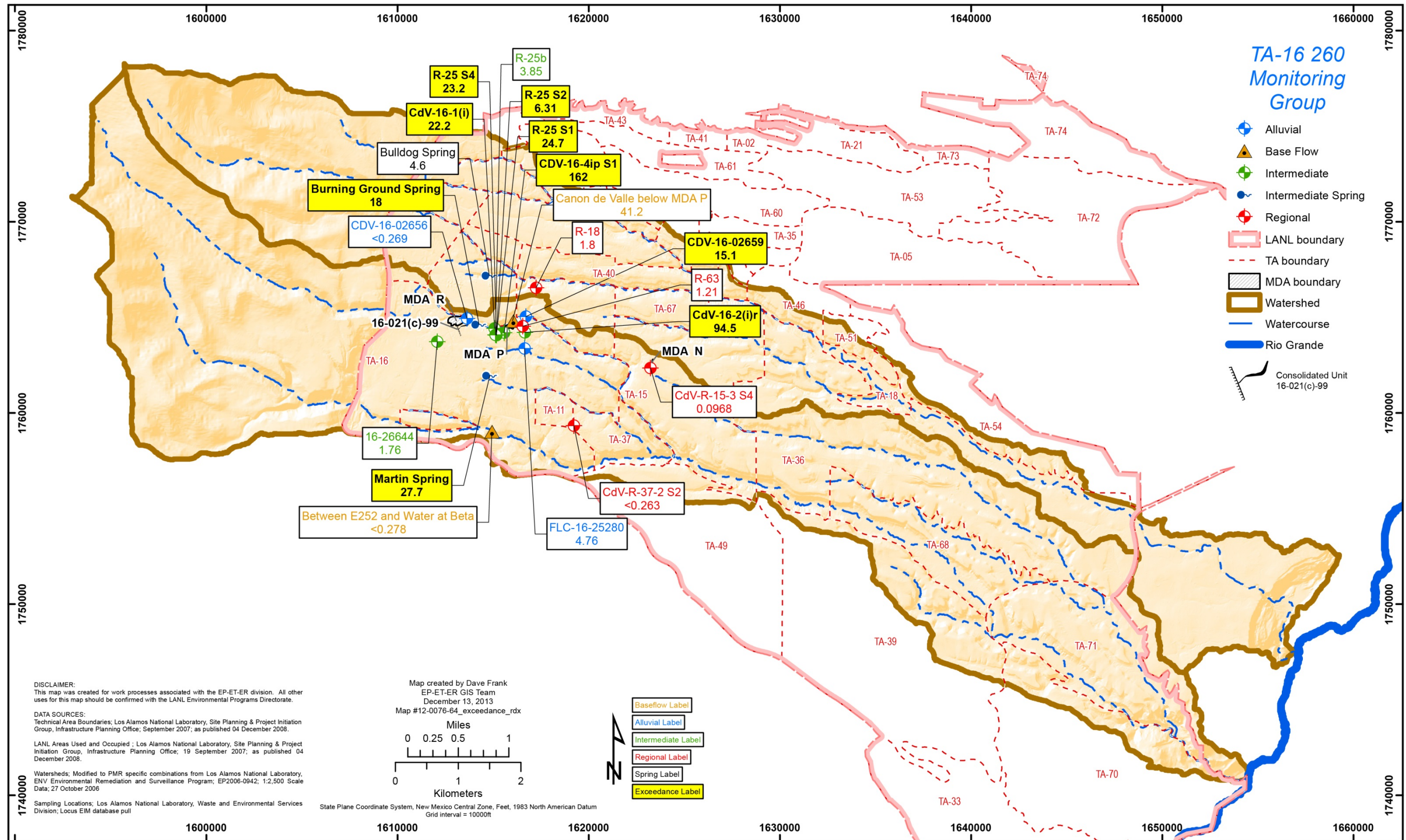


Figure 4.2-2 Monitoring group unfiltered RDX concentrations in µg/L. The EPA tap water screening level is 6.1 µg/L.

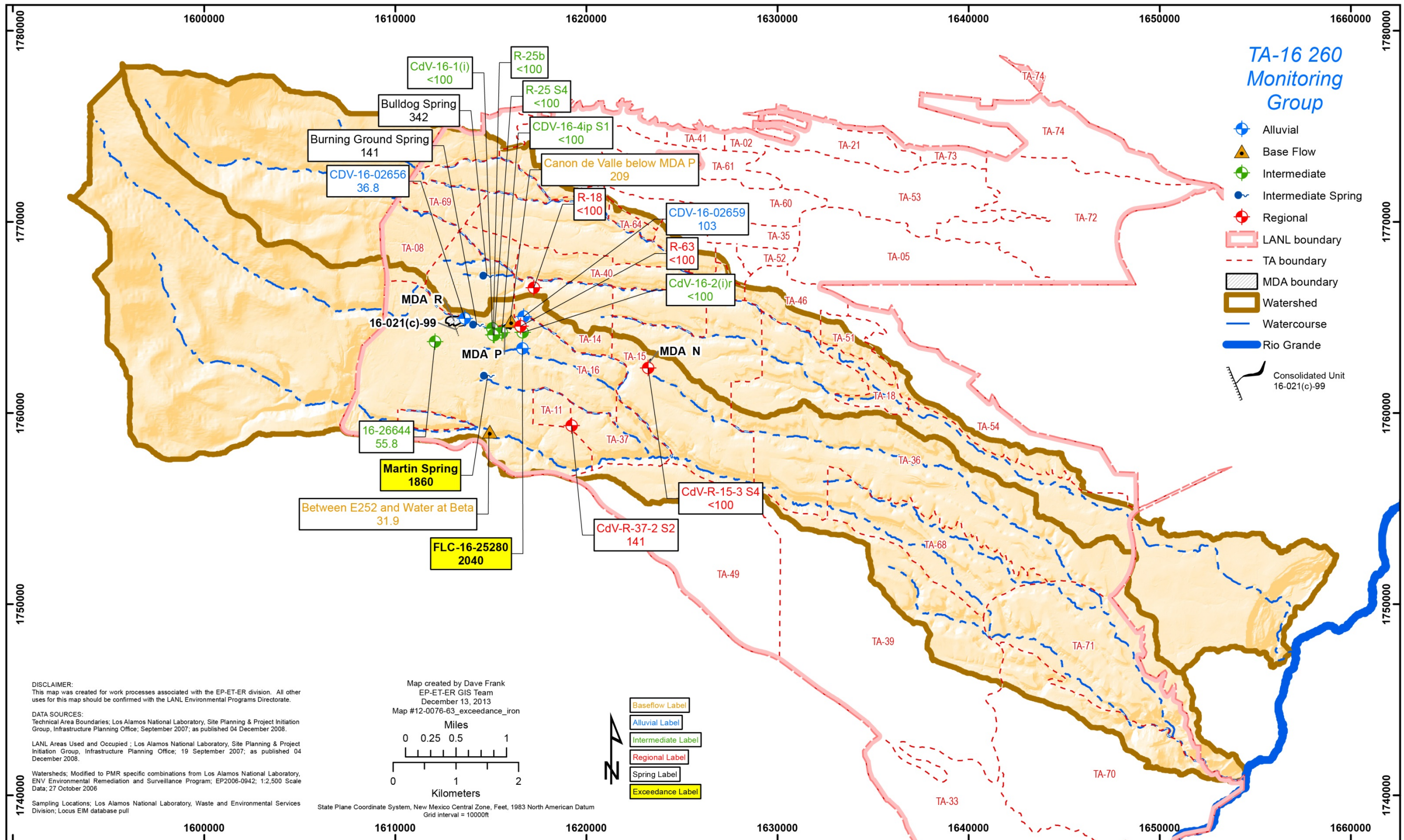


Figure 4.2-3 Monitoring group filtered iron concentrations in µg/L. The NMWQCC groundwater standard screening level is 1000 µg/L.

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

Location Name	Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm ^a)
Alluvial							
CDV-16-02656	09/05/13	5	3	8	0.5	0.8	0.04
CDV-16-02659	09/20/13	5	1.7	6.7	2.80	2.8	0.09
CDV-16-611923	n/a ^b	5	3.2	8.2	n/a	n/a	n/a
FLC-16-25280	09/23/13	1.6	2.6	4.2	0.40	1.20	0.1
WCO-1r	n/a	10	6	16	n/a	n/a	n/a
Intermediate							
16-26644	09/05/13	15	130	145	1.21	9.00	1.00
CdV-16-1(i)	09/11/13	10	624	634	60.6	182	1.34
CdV-16-2(i)r	09/04/13	9.7	850	859.7	23.4	71	2.7
CDV-16-4ip S1	09/19/13	63.6	815.6	879.2	90.7	278	8.60
R-25 S1	09/10/13	20.8	737.6	758.4	n/a	n/a	n/a
R-25 S2	09/11/13	10.8	882.6	893.4	n/a	n/a	n/a
R-25 S4	09/12/13	10	1184.6	1194.6	n/a	n/a	n/a
R-25b	09/10/13	20.8	750	770.8	27.6	42	0.80
R-26 PZ-2	09/04/13	30	150	180	0.39	0.39	n/a
Regional							
CdV-R-15-3 S4	09/19/13	43.8	1235.1	1278.9	56.02	168.00	6.0
CdV-R-37-2 S2	09/20/13	25.1	1188.7	1213.8	36.80	164.00	4.0
R-18	09/03/13	23	1358	1381	96.6	299.00	6.5
R-63	09/09/13	20.3	1325	1345.3	105.9	320	6.1
Intermediate Spring							
Bulldog Spring	09/17/13	n/a	n/a	n/a	n/a	n/a	2.12
Burning Ground Spring	09/12/13	n/a	n/a	n/a	n/a	n/a	3.13
Martin Spring	09/17/13	n/a	n/a	n/a	n/a	n/a	n/a
Base Flow							
Between E252 and Water at Beta	09/06/13	n/a	n/a	n/a	n/a	n/a	28
Canon de Valle below MDA P	09/20/13	n/a	n/a	n/a	n/a	n/a	134.4

^a gpm = Gallons per minute.

^b n/a = Not applicable.

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

Location	Deviation	Cause	Comment
CDV-16-611923	The location was not sampled.	The location was not sampled because it was dry.	This location will be sampled during the next scheduled PME.
WCO-1r	The location was not sampled. This location is included in the Water Canyon watershed portion of the General Surveillance monitoring group and was visited in the fourth quarter of FY2013.	The location was not sampled because it was dry.	Because it is one of two locations in this monitoring group, NMED agreed that the results be presented in this PMR. This location will be sampled during the next scheduled PME.
Between E252 and Water at Beta	This location is included in the Water Canyon watershed portion of the General Surveillance monitoring group and was sampled in the fourth quarter of FY2013.	n/a*	Because it is one of two locations in this monitoring group, NMED agreed that the results be presented in this PMR.
R-26 PZ-2	A prioritized sampling suite was collected.	The well purged dry during sampling.	This location will be sampled during the next scheduled PME.
Martin Spring	The flow rate was not measured.	The flow rate was not reported by the sampling crew.	The flow rate will be measured during the next scheduled PME.

*n/a = Not applicable.

**Table 3.4-2
Analytes with PQLs above Screening Levels**

Analyte or CAS ^a No.	Analyte Name	MDL ^b	PQL	Screening Level	Unit	Screening-Level Type
Herbicides						
94-74-6	MCPA ^c	12	53	18	µg/L	EPA Regional Tap
93-65-2	MCPD ^d	11	53	37	µg/L	EPA Regional Tap
Metals						
Be	Beryllium	1	5	4	µg/L	EPA MCL
Semivolatile Organic Compounds						
1912-24-9	Atrazine	3	10	3	µg/L	EPA MCL
103-33-3	Azobenzene	2	10	1.3	µg/L	EPA Regional Tap
92-87-5	Benzidine	3	10	0.00094	µg/L	EPA Regional Tap
56-55-3	Benzo(a)anthracene	0.2	1	0.29	µg/L	EPA Regional Tap
50-32-8	Benzo(a)pyrene	0.2	1	0.2	µg/L	EPA MCL
205-99-2	Benzo(b)fluoranthene	0.2	1	0.29	µg/L	EPA Regional Tap
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	µg/L	EPA Regional Tap
117-81-7	Bis(2-ethylhexyl)phthalate	2	10	6	µg/L	EPA MCL
106-47-8	Chloroaniline[4-]	2	10	3.4	µg/L	EPA Regional Tap

Table 3.4-2 (continued)

Analyte or CAS ^a No.	Analyte Name	MDL ^b	PQL	Screening Level	Unit	Screening-Level Type
53-70-3	Dibenz(a,h)anthracene	0.2	1	0.029	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	2	10	1.5	µg/L	EPA Regional Tap
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	2.9	µg/L	EPA Regional Tap
123-91-1	Dioxane[1,4-]	2	10	6.7	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	1	µg/L	EPA MCL
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.29	µg/L	EPA Regional Tap
55-18-5	Nitrosodiethylamine[N-]	2	10	0.0014	µg/L	EPA Regional Tap
62-75-9	Nitrosodimethylamine[N-]	2	10	0.0042	µg/L	EPA Regional Tap
924-16-3	Nitroso-di-n-butylamine[N-]	3	10	0.024	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	2	10	0.096	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	2	10	0.32	µg/L	EPA Regional Tap
108-60-1	Oxybis(1-chloropropane)[2,2'-]	2	10	3.2	µg/L	EPA Regional Tap
87-86-5	Pentachlorophenol	2	10	1	µg/L	EPA MCL
108-95-2	Phenol	1	10	5	µg/L	NMWQCC Groundwater Standard
Volatile Organic Compounds						
107-02-8	Acrolein	1.3	5	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1	5	0.45	µg/L	EPA Regional Tap
126-99-8	Chloro-1,3-butadiene[2-]	0.3	1	0.16	µg/L	EPA Regional Tap
96-12-8	Dibromo-3-Chloropropane[1,2-]	0.3	1	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.25	1	0.05	µg/L	EPA MCL
126-98-7	Methacrylonitrile	1	5	1	µg/L	EPA Regional Tap
75-09-2	Methylene Chloride	3	10	5	µg/L	EPA MCL
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

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

^a CAS = Chemical Abstracts Service.

^b MDL = Method detection limit.

^c MCPA = 2-Methyl-4-chlorophenoxyacetic acid.

^d MCPP = 2-(4-Chloro-2-methylphenoxy)propanoic acid.

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

Standard Source	Standard Type	Groundwater	Surface Water
DOE Order 5400.5	DOE BCGs	n/a ^a	X ^b
DOE Order 5400.5	DOE 100-mrem Public Dose DCG	X	n/a
DOE Order 5400.5	DOE 4-mrem Drinking Water DCG	X	n/a
40 CFR ^c 141	EPA Primary Drinking Water Standard	X	n/a
EPA Regional Screening Levels for Chemical Contaminants at Superfund Sites	EPA Regional Screening Levels for Tap Water	X	n/a
20 NMAC 3.4	New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
20 NMAC 6.2	NMWQCC Groundwater Standard	X	n/a
20 NMAC 6.4	NMWQCC Irrigation Standard	n/a	X
20 NMAC 6.4	NMWQCC Livestock Watering Standard	n/a	X
20 NMAC 6.4	NMWQCC Wildlife Habitat Standard	n/a	X
20 NMAC 6.4	NMWQCC Aquatic Life Standards Acute	n/a	X
20 NMAC 6.4	NMWQCC Aquatic Life Standards Chronic	n/a	X
20 NMAC 6.4	NMWQCC Human Health Standard	n/a	X

^a n/a = Not applicable.

^b X = applied to data screen for this report.

^c CFR = Code of Federal Regulations.

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

Watershed	Location	Stream Type	Hardness (mg/L as CaCO ₃)
Water	Canon de Valle below MDA P	Perennial	70
Water	Between E252 and Water at Beta	Perennial	50

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

Location	Date	Analyte	Field Preparation	Result	Unit	Screening Level	Screening-Level Type
Alluvial Groundwater							
CDV-16-02656	09/05/13	Barium	F ^a	4740	µg/L	1000	NMWQCC Groundwater Standard
CDV-16-02659	09/20/13	Barium	F	7440	µg/L	1000	NMWQCC Groundwater Standard
FLC-16-25280	09/23/13	Iron	F	2040	µg/L	1000	NMWQCC Groundwater Standard
FLC-16-25280	09/23/13	Manganese	F	345	µg/L	200	NMWQCC Groundwater Standard
CDV-16-02659	09/20/13	RDX	UF ^b	15.1	µg/L	6.1	EPA Regional Tap
FLC-16-25280	09/23/13	Tetrachloroethene	UF	15.6	µg/L	5	EPA MCL
Intermediate Groundwater							
Martin Spring	09/17/13	Iron	F	1860	µg/L	1000	NMWQCC Groundwater Standard
Burning Ground Spring	09/12/13	RDX	UF	18	µg/L	6.1	EPA Regional Tap
CdV-16-1(i)	09/11/13	RDX	UF	22.2	µg/L	6.1	EPA Regional Tap
CdV-16-2(i)r	09/04/13	RDX	UF	94.5	µg/L	6.1	EPA Regional Tap
CDV-16-4ip S1	06/13/13	RDX	UF	122	µg/L	6.1	EPA Regional Tap
CDV-16-4ip S1	09/19/13	RDX	UF	162	µg/L	6.1	EPA Regional Tap
Martin Spring	09/17/13	RDX	UF	27.7	µg/L	6.1	EPA Regional Tap
R-25 S1	09/10/13	RDX	UF	24.7	µg/L	6.1	EPA Regional Tap
R-25 S2	09/11/13	RDX	UF	6.31	µg/L	6.1	EPA Regional Tap
R-25 S4	09/12/13	RDX	UF	23.2	µg/L	6.1	EPA Regional Tap

^a F = Filtered.

^b UF = Unfiltered.

Appendix A

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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
16-26644	130	09/05/13	WG ^a	Dissolved Oxygen	8.34	mg/L	CAWA-13-40699
16-26644	130	03/26/13	WG	Dissolved Oxygen	7.97	mg/L	CAWA-13-28819
16-26644	130	07/12/12	WG	Dissolved Oxygen	8	mg/L	CAWA-12-17536
16-26644	130	01/13/12	WG	Dissolved Oxygen	7.81	mg/L	CAWA-12-1955
16-26644	130	09/19/11	WG	Dissolved Oxygen	7.78	mg/L	CAWA-11-27147
16-26644	130	09/05/13	WG	Oxidation-Reduction Potential	118.9	mV	CAWA-13-40699
16-26644	130	03/26/13	WG	Oxidation-Reduction Potential	108.1	mV	CAWA-13-28819
16-26644	130	07/12/12	WG	Oxidation-Reduction Potential	295.9	mV	CAWA-12-17536
16-26644	130	01/13/12	WG	Oxidation-Reduction Potential	100.4	mV	CAWA-12-1955
16-26644	130	09/19/11	WG	Oxidation-Reduction Potential	-28.2	mV	CAWA-11-27147
16-26644	130	09/05/13	WG	pH	7.03	SU ^b	CAWA-13-40699
16-26644	130	03/26/13	WG	pH	7.07	SU	CAWA-13-28819
16-26644	130	07/12/12	WG	pH	7.03	SU	CAWA-12-17536
16-26644	130	01/13/12	WG	pH	7.13	SU	CAWA-12-1955
16-26644	130	09/19/11	WG	pH	6.96	SU	CAWA-11-27147
16-26644	130	09/05/13	WG	Specific Conductance	197	µS/cm	CAWA-13-40699
16-26644	130	03/26/13	WG	Specific Conductance	196	µS/cm	CAWA-13-28819
16-26644	130	07/12/12	WG	Specific Conductance	199	µS/cm	CAWA-12-17536
16-26644	130	01/13/12	WG	Specific Conductance	219	µS/cm	CAWA-12-1955
16-26644	130	09/19/11	WG	Specific Conductance	230	µS/cm	CAWA-11-27147
16-26644	130	09/05/13	WG	Temperature	11.88	deg C	CAWA-13-40699
16-26644	130	03/26/13	WG	Temperature	11.16	deg C	CAWA-13-28819
16-26644	130	07/12/12	WG	Temperature	12.16	deg C	CAWA-12-17536
16-26644	130	01/13/12	WG	Temperature	11.18	deg C	CAWA-12-1955
16-26644	130	09/19/11	WG	Temperature	12.11	deg C	CAWA-11-27147
16-26644	130	09/05/13	WG	Turbidity	1.6	NTU ^c	CAWA-13-40699
16-26644	130	03/26/13	WG	Turbidity	1.2	NTU	CAWA-13-28819
16-26644	130	07/12/12	WG	Turbidity	1.38	NTU	CAWA-12-17536

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
16-26644	130	01/13/12	WG	Turbidity	0.91	NTU	CAWA-12-1955
16-26644	130	09/19/11	WG	Turbidity	1.95	NTU	CAWA-11-27147
Between E252 and Water at Beta	— ^d	09/06/13	WS ^e	Dissolved Oxygen	7.66	mg/L	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Dissolved Oxygen	8.75	mg/L	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Dissolved Oxygen	7.8	mg/L	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	Dissolved Oxygen	10.15	mg/L	CAWA-10-14938
Between E252 and Water at Beta	—	10/20/09	WS	Dissolved Oxygen	9.9	mg/L	CAWA-09-13682
Between E252 and Water at Beta	—	09/06/13	WS	pH	8.15	SU	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	pH	7.81	SU	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	pH	7.94	SU	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	pH	6.93	SU	CAWA-10-14938
Between E252 and Water at Beta	—	10/20/09	WS	pH	7.36	SU	CAWA-09-13682
Between E252 and Water at Beta	—	09/06/13	WS	Specific Conductance	217	µS/cm	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Specific Conductance	127	µS/cm	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Specific Conductance	177	µS/cm	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	Specific Conductance	172	µS/cm	CAWA-10-14938
Between E252 and Water at Beta	—	10/20/09	WS	Specific Conductance	179	µS/cm	CAWA-09-13682
Between E252 and Water at Beta	—	09/06/13	WS	Temperature	15.98	deg C	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Temperature	10.38	deg C	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Temperature	14.45	deg C	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	Temperature	3.96	deg C	CAWA-10-14938
Between E252 and Water at Beta	—	10/20/09	WS	Temperature	10.53	deg C	CAWA-09-13682
Between E252 and Water at Beta	—	09/06/13	WS	Turbidity	8.4	NTU	CAWA-13-40960
Between E252 and Water at Beta	—	04/01/11	WS	Turbidity	21.2	NTU	CAWA-11-5386
Between E252 and Water at Beta	—	09/24/10	WS	Turbidity	7.21	NTU	CAWA-10-25688
Between E252 and Water at Beta	—	04/02/10	WS	Turbidity	22.7	NTU	CAWA-10-14938
Between E252 and Water at Beta	—	10/20/09	WS	Turbidity	4.84	NTU	CAWA-09-13682
Bulldog Spring	—	09/17/13	WG	Dissolved Oxygen	7.2	mg/L	CAWA-13-40700

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Bulldog Spring	—	03/27/13	WG	Dissolved Oxygen	8.04	mg/L	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	Dissolved Oxygen	8.21	mg/L	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	Dissolved Oxygen	8.73	mg/L	CAPA-11-9530
Bulldog Spring	—	10/08/10	WG	Dissolved Oxygen	7.65	mg/L	CAPA-10-26883
Bulldog Spring	—	09/17/13	WG	pH	7.32	SU	CAWA-13-40700
Bulldog Spring	—	03/27/13	WG	pH	6.32	SU	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	pH	8.01	SU	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	pH	7.31	SU	CAPA-11-9530
Bulldog Spring	—	10/08/10	WG	pH	6.93	SU	CAPA-10-26883
Bulldog Spring	—	09/17/13	WG	Specific Conductance	259	µS/cm	CAWA-13-40700
Bulldog Spring	—	03/27/13	WG	Specific Conductance	217	µS/cm	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	Specific Conductance	266	µS/cm	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	Specific Conductance	260	µS/cm	CAPA-11-9530
Bulldog Spring	—	10/08/10	WG	Specific Conductance	253	µS/cm	CAPA-10-26883
Bulldog Spring	—	09/17/13	WG	Temperature	11.53	deg C	CAWA-13-40700
Bulldog Spring	—	03/27/13	WG	Temperature	9.8	deg C	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	Temperature	13.51	deg C	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	Temperature	9.98	deg C	CAPA-11-9530
Bulldog Spring	—	10/08/10	WG	Temperature	10.21	deg C	CAPA-10-26883
Bulldog Spring	—	09/17/13	WG	Turbidity	29.7	NTU	CAWA-13-40700
Bulldog Spring	—	03/27/13	WG	Turbidity	11	NTU	CAWA-13-28820
Bulldog Spring	—	07/18/12	WG	Turbidity	6.68	NTU	CAPA-12-17594
Bulldog Spring	—	05/05/11	WG	Turbidity	13	NTU	CAPA-11-9530
Bulldog Spring	—	10/08/10	WG	Turbidity	10.3	NTU	CAPA-10-26883
Burning Ground Spring	—	09/12/13	WG	Dissolved Oxygen	8.02	mg/L	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	Dissolved Oxygen	8.97	mg/L	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	Dissolved Oxygen	8.24	mg/L	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	Dissolved Oxygen	8.61	mg/L	CAWA-12-1934

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Burning Ground Spring	—	09/15/11	WG	Dissolved Oxygen	8.31	mg/L	CAWA-11-27048
Burning Ground Spring	—	09/12/13	WG	pH	7.13	SU	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	pH	6.82	SU	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	pH	7.62	SU	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	pH	7.56	SU	CAWA-12-1934
Burning Ground Spring	—	09/15/11	WG	pH	7.17	SU	CAWA-11-27048
Burning Ground Spring	—	09/12/13	WG	Specific Conductance	254	µS/cm	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	Specific Conductance	221	µS/cm	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	Specific Conductance	240	µS/cm	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	Specific Conductance	336	µS/cm	CAWA-12-1934
Burning Ground Spring	—	09/15/11	WG	Specific Conductance	269	µS/cm	CAWA-11-27048
Burning Ground Spring	—	09/12/13	WG	Temperature	11.54	deg C	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	Temperature	9.2	deg C	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	Temperature	12.86	deg C	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	Temperature	8.88	deg C	CAWA-12-1934
Burning Ground Spring	—	09/15/11	WG	Temperature	10.46	deg C	CAWA-11-27048
Burning Ground Spring	—	09/12/13	WG	Turbidity	14.3	NTU	CAWA-13-40701
Burning Ground Spring	—	03/25/13	WG	Turbidity	5.9	NTU	CAWA-13-28821
Burning Ground Spring	—	07/13/12	WG	Turbidity	17.3	NTU	CAWA-12-17537
Burning Ground Spring	—	01/10/12	WG	Turbidity	3.32	NTU	CAWA-12-1934
Burning Ground Spring	—	09/15/11	WG	Turbidity	2.72	NTU	CAWA-11-27048
Canon de Valle below MDA P	—	09/20/13	WS	Dissolved Oxygen	7.08	mg/L	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Dissolved Oxygen	7.76	mg/L	CAWA-13-28848
Canon de Valle below MDA P	—	07/13/12	WS	Dissolved Oxygen	4.5	mg/L	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	Dissolved Oxygen	6.35	mg/L	CAWA-11-27044
Canon de Valle below MDA P	—	03/25/11	WS	Dissolved Oxygen	10.92	mg/L	CAWA-11-5389
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Canon de Valle below MDA P	—	07/13/12	WS	pH	7.4	SU	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	pH	7.83	SU	CAWA-11-27044
Canon de Valle below MDA P	—	03/25/11	WS	pH	7.73	SU	CAWA-11-5389
Canon de Valle below MDA P	—	09/20/13	WS	Specific Conductance	290	µS/cm	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Specific Conductance	268	µS/cm	CAWA-13-28848
Canon de Valle below MDA P	—	07/13/12	WS	Specific Conductance	449	µS/cm	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	Specific Conductance	445	µS/cm	CAWA-11-27044
Canon de Valle below MDA P	—	03/25/11	WS	Specific Conductance	221	µS/cm	CAWA-11-5389
Canon de Valle below MDA P	—	09/20/13	WS	Temperature	17.09	deg C	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Temperature	4.71	deg C	CAWA-13-28848
Canon de Valle below MDA P	—	07/13/12	WS	Temperature	16.68	deg C	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	Temperature	16.67	deg C	CAWA-11-27044
Canon de Valle below MDA P	—	03/25/11	WS	Temperature	2.51	deg C	CAWA-11-5389
Canon de Valle below MDA P	—	09/20/13	WS	Turbidity	30.4	NTU	CAWA-13-42031
Canon de Valle below MDA P	—	03/28/13	WS	Turbidity	11.7	NTU	CAWA-13-28848
Canon de Valle below MDA P	—	07/13/12	WS	Turbidity	18	NTU	CAWA-12-17538
Canon de Valle below MDA P	—	09/16/11	WS	Turbidity	37.8	NTU	CAWA-11-27044
Canon de Valle below MDA P	—	03/25/11	WS	Turbidity	2.2	NTU	CAWA-11-5389
CDV-16-02656	3	09/05/13	WG	Dissolved Oxygen	0.83	mg/L	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Dissolved Oxygen	4.23	mg/L	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Dissolved Oxygen	4.58	mg/L	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Dissolved Oxygen	7.79	mg/L	CAWA-12-1938
CDV-16-02656	3	04/08/11	WG	Dissolved Oxygen	4.85	mg/L	CAWA-11-5429
CDV-16-02656	3	09/05/13	WG	Oxidation-Reduction Potential	177	mV	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Oxidation-Reduction Potential	367.1	mV	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Oxidation-Reduction Potential	185.8	mV	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Oxidation-Reduction Potential	143.8	mV	CAWA-12-1938
CDV-16-02656	3	04/08/11	WG	Oxidation-Reduction Potential	222.8	mV	CAWA-11-5429

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02656	3	09/05/13	WG	pH	6.69	SU	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	pH	5.97	SU	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	pH	8.63	SU	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	pH	6.46	SU	CAWA-12-1938
CDV-16-02656	3	04/08/11	WG	pH	6.5	SU	CAWA-11-5429
CDV-16-02656	3	09/05/13	WG	Specific Conductance	346	µS/cm	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Specific Conductance	302	µS/cm	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Specific Conductance	316	µS/cm	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Specific Conductance	297	µS/cm	CAWA-12-1938
CDV-16-02656	3	04/08/11	WG	Specific Conductance	199	µS/cm	CAWA-11-5429
CDV-16-02656	3	09/05/13	WG	Temperature	16.07	deg C	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Temperature	5.06	deg C	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Temperature	14.92	deg C	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Temperature	4.71	deg C	CAWA-12-1938
CDV-16-02656	3	04/08/11	WG	Temperature	7.01	deg C	CAWA-11-5429
CDV-16-02656	3	09/05/13	WG	Turbidity	4.8	NTU	CAWA-13-40703
CDV-16-02656	3	03/28/13	WG	Turbidity	3	NTU	CAWA-13-28823
CDV-16-02656	3	07/25/12	WG	Turbidity	16.8	NTU	CAWA-12-17539
CDV-16-02656	3	01/20/12	WG	Turbidity	3.88	NTU	CAWA-12-1938
CDV-16-02656	3	04/08/11	WG	Turbidity	8.86	NTU	CAWA-11-5429
CDV-16-02659	1.7	09/20/13	WG	Dissolved Oxygen	1.35	mg/L	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	Dissolved Oxygen	9.14	mg/L	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	Dissolved Oxygen	6.97	mg/L	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	Dissolved Oxygen	8.43	mg/L	CAWA-12-1939
CDV-16-02659	1.7	09/16/11	WG	Dissolved Oxygen	3.56	mg/L	CAWA-11-27072
CDV-16-02659	1.7	09/20/13	WG	pH	5.85	SU	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	pH	6.81	SU	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	pH	6.41	SU	CAWA-12-17540

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-02659	1.7	01/19/12	WG	pH	6.66	SU	CAWA-12-1939
CDV-16-02659	1.7	09/16/11	WG	pH	6.48	SU	CAWA-11-27072
CDV-16-02659	1.7	09/20/13	WG	Specific Conductance	344	µS/cm	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	Specific Conductance	302	µS/cm	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	Specific Conductance	363	µS/cm	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	Specific Conductance	361	µS/cm	CAWA-12-1939
CDV-16-02659	1.7	09/16/11	WG	Specific Conductance	12.36	µS/cm	CAWA-11-27072
CDV-16-02659	1.7	09/20/13	WG	Temperature	13.53	deg C	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	Temperature	5.58	deg C	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	Temperature	13.66	deg C	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	Temperature	5.82	deg C	CAWA-12-1939
CDV-16-02659	1.7	09/16/11	WG	Temperature	12.36	deg C	CAWA-11-27072
CDV-16-02659	1.7	09/20/13	WG	Turbidity	8.3	NTU	CAWA-13-42025
CDV-16-02659	1.7	03/16/13	WG	Turbidity	3.1	NTU	CAWA-13-28824
CDV-16-02659	1.7	07/23/12	WG	Turbidity	1.34	NTU	CAWA-12-17540
CDV-16-02659	1.7	01/19/12	WG	Turbidity	2.96	NTU	CAWA-12-1939
CDV-16-02659	1.7	09/16/11	WG	Turbidity	0.47	NTU	CAWA-11-27072
CdV-16-1(i)	624	09/11/13	WG	Dissolved Oxygen	5.52	mg/L	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	Dissolved Oxygen	5.94	mg/L	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Dissolved Oxygen	6.86	mg/L	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Dissolved Oxygen	6.72	mg/L	CAWA-11-27954
CdV-16-1(i)	624	04/08/11	WG	Dissolved Oxygen	5.88	mg/L	CAWA-11-5326
CdV-16-1(i)	624	09/11/13	WG	Oxidation-Reduction Potential	177.6	mV	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	Oxidation-Reduction Potential	137.5	mV	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Oxidation-Reduction Potential	291.4	mV	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Oxidation-Reduction Potential	195.2	mV	CAWA-11-27954
CdV-16-1(i)	624	04/08/11	WG	Oxidation-Reduction Potential	180	mV	CAWA-11-5326
CdV-16-1(i)	624	09/11/13	WG	pH	6.78	SU	CAWA-13-40705

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	624	03/28/13	WG	pH	6.84	SU	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	pH	6.72	SU	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	pH	6.76	SU	CAWA-11-27954
CdV-16-1(i)	624	04/08/11	WG	pH	6.77	SU	CAWA-11-5326
CdV-16-1(i)	624	09/11/13	WG	Specific Conductance	172	µS/cm	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	Specific Conductance	171	µS/cm	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Specific Conductance	170	µS/cm	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Specific Conductance	157	µS/cm	CAWA-11-27954
CdV-16-1(i)	624	04/08/11	WG	Specific Conductance	161	µS/cm	CAWA-11-5326
CdV-16-1(i)	624	09/11/13	WG	Temperature	14.3	deg C	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	Temperature	12.92	deg C	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Temperature	13.79	deg C	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Temperature	12.98	deg C	CAWA-11-27954
CdV-16-1(i)	624	04/08/11	WG	Temperature	13.18	deg C	CAWA-11-5326
CdV-16-1(i)	624	09/11/13	WG	Turbidity	6.8	NTU	CAWA-13-40705
CdV-16-1(i)	624	03/28/13	WG	Turbidity	1.4	NTU	CAWA-13-28851
CdV-16-1(i)	624	07/11/12	WG	Turbidity	0.43	NTU	CAWA-12-17541
CdV-16-1(i)	624	09/22/11	WG	Turbidity	2	NTU	CAWA-11-27954
CdV-16-1(i)	624	04/08/11	WG	Turbidity	0.93	NTU	CAWA-11-5326
CdV-16-2(i)r	850	09/04/13	WG	Dissolved Oxygen	6.21	mg/L	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Dissolved Oxygen	6.33	mg/L	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Dissolved Oxygen	6.29	mg/L	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	Dissolved Oxygen	6.48	mg/L	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Dissolved Oxygen	6.7	mg/L	CAWA-12-1961
CdV-16-2(i)r	850	09/06/11	WG	Dissolved Oxygen	6.96	mg/L	CAWA-11-27101
CdV-16-2(i)r	850	09/04/13	WG	Oxidation-Reduction Potential	175.2	mV	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Oxidation-Reduction Potential	167	mV	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Oxidation-Reduction Potential	243.2	mV	CAWA-13-28826

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-16-2(i)r	850	07/12/12	WG	Oxidation-Reduction Potential	159.1	mV	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Oxidation-Reduction Potential	241.8	mV	CAWA-12-1961
CdV-16-2(i)r	850	09/06/11	WG	Oxidation-Reduction Potential	164	mV	CAWA-11-27101
CdV-16-2(i)r	850	09/04/13	WG	pH	6.95	SU	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	pH	7.02	SU	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	pH	7.01	SU	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	pH	7.05	SU	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	pH	7.13	SU	CAWA-12-1961
CdV-16-2(i)r	850	09/06/11	WG	pH	7	SU	CAWA-11-27101
CdV-16-2(i)r	850	09/04/13	WG	Specific Conductance	126	µS/cm	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Specific Conductance	125	µS/cm	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Specific Conductance	125	µS/cm	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	Specific Conductance	124	µS/cm	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Specific Conductance	117	µS/cm	CAWA-12-1961
CdV-16-2(i)r	850	09/06/11	WG	Specific Conductance	123	µS/cm	CAWA-11-27101
CdV-16-2(i)r	850	09/04/13	WG	Temperature	12.05	deg C	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Temperature	13.5	deg C	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Temperature	12.64	deg C	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	Temperature	13.09	deg C	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Temperature	11.47	deg C	CAWA-12-1961
CdV-16-2(i)r	850	09/06/11	WG	Temperature	12.83	deg C	CAWA-11-27101
CdV-16-2(i)r	850	09/04/13	WG	Turbidity	0	NTU	CAWA-13-41316
CdV-16-2(i)r	850	09/04/13	WG	Turbidity	1.04	NTU	CAWA-13-41318
CdV-16-2(i)r	850	03/14/13	WG	Turbidity	2.23	NTU	CAWA-13-28826
CdV-16-2(i)r	850	07/12/12	WG	Turbidity	0.85	NTU	CAWA-12-17542
CdV-16-2(i)r	850	01/18/12	WG	Turbidity	0.75	NTU	CAWA-12-1961
CdV-16-2(i)r	850	09/06/11	WG	Turbidity	0.58	NTU	CAWA-11-27101
CDV-16-4ip S1	815.6	09/19/13	WG	Dissolved Oxygen	7.74	mg/L	CAWA-13-40707

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-4ip S1	815.6	06/13/13	WG	Dissolved Oxygen	7.67	mg/L	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Dissolved Oxygen	7.91	mg/L	CAWA-13-28827
CDV-16-4ip S1	815.6	12/13/12	WG	Dissolved Oxygen	7.92	mg/L	CAWA-13-24552
CDV-16-4ip S1	815.6	07/19/12	WG	Dissolved Oxygen	7.92	mg/L	CAWA-12-17543
CDV-16-4ip S1	815.6	09/19/13	WG	Oxidation-Reduction Potential	240.2	mV	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	Oxidation-Reduction Potential	190	mV	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Oxidation-Reduction Potential	248.3	mV	CAWA-13-28827
CDV-16-4ip S1	815.6	12/13/12	WG	Oxidation-Reduction Potential	20.11	mV	CAWA-13-24552
CDV-16-4ip S1	815.6	07/19/12	WG	Oxidation-Reduction Potential	30.8	mV	CAWA-12-17543
CDV-16-4ip S1	815.6	09/19/13	WG	pH	6.93	SU	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	pH	6.99	SU	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	pH	7.06	SU	CAWA-13-28827
CDV-16-4ip S1	815.6	12/13/12	WG	pH	7.05	SU	CAWA-13-24552
CDV-16-4ip S1	815.6	07/19/12	WG	pH	7.97	SU	CAWA-12-17543
CDV-16-4ip S1	815.6	09/19/13	WG	Specific Conductance	122	µS/cm	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	Specific Conductance	116	µS/cm	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Specific Conductance	107	µS/cm	CAWA-13-28827
CDV-16-4ip S1	815.6	12/13/12	WG	Specific Conductance	118	µS/cm	CAWA-13-24552
CDV-16-4ip S1	815.6	07/19/12	WG	Specific Conductance	116	µS/cm	CAWA-12-17543
CDV-16-4ip S1	815.6	09/19/13	WG	Temperature	11.82	deg C	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	Temperature	13.89	deg C	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Temperature	11.45	deg C	CAWA-13-28827
CDV-16-4ip S1	815.6	12/13/12	WG	Temperature	9.48	deg C	CAWA-13-24552
CDV-16-4ip S1	815.6	07/19/12	WG	Temperature	11.9	deg C	CAWA-12-17543
CDV-16-4ip S1	815.6	09/19/13	WG	Turbidity	0.8	NTU	CAWA-13-40707
CDV-16-4ip S1	815.6	06/13/13	WG	Turbidity	0.8	NTU	CAWA-13-33602
CDV-16-4ip S1	815.6	03/14/13	WG	Turbidity	0.2	NTU	CAWA-13-28827
CDV-16-4ip S1	815.6	12/13/12	WG	Turbidity	0.34	NTU	CAWA-13-24552

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDV-16-4ip S1	815.6	07/19/12	WG	Turbidity	0.56	NTU	CAWA-12-17543
CdV-R-15-3 S4	1235.1	09/19/13	WG	Dissolved Oxygen	6.73	mg/L	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Dissolved Oxygen	6.41	mg/L	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Dissolved Oxygen	7.12	mg/L	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Dissolved Oxygen	6.02	mg/L	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Dissolved Oxygen	6.86	mg/L	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Dissolved Oxygen	5.97	mg/L	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Dissolved Oxygen	5.41	mg/L	CAWA-11-7331
CdV-R-15-3 S4	1235.1	05/07/11	WG	Dissolved Oxygen	7.47	mg/L	CAWA-11-7248
CdV-R-15-3 S4	1235.1	05/07/11	WG	Dissolved Oxygen	6.34	mg/L	CAWA-11-7249
CdV-R-15-3 S4	1235.1	05/07/11	WG	Dissolved Oxygen	6.51	mg/L	CAWA-11-7265
CdV-R-15-3 S4	1235.1	05/05/11	WG	Dissolved Oxygen	5.07	mg/L	CAWA-11-7028
CdV-R-15-3 S4	1235.1	05/05/11	WG	Dissolved Oxygen	3.04	mg/L	CAWA-11-6855
CdV-R-15-3 S4	1235.1	05/05/11	WG	Dissolved Oxygen	4.21	mg/L	CAWA-11-6916
CdV-R-15-3 S4	1235.1	05/05/11	WG	Dissolved Oxygen	4.79	mg/L	CAWA-11-6969
CdV-R-15-3 S4	1235.1	09/19/13	WG	Oxidation-Reduction Potential	105.7	mV	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Oxidation-Reduction Potential	166.3	mV	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Oxidation-Reduction Potential	173.1	mV	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Oxidation-Reduction Potential	165.9	mV	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Oxidation-Reduction Potential	334.7	mV	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Oxidation-Reduction Potential	237.9	mV	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Oxidation-Reduction Potential	235.7	mV	CAWA-11-7331
CdV-R-15-3 S4	1235.1	05/07/11	WG	Oxidation-Reduction Potential	185.5	mV	CAWA-11-7248
CdV-R-15-3 S4	1235.1	05/07/11	WG	Oxidation-Reduction Potential	140.7	mV	CAWA-11-7249
CdV-R-15-3 S4	1235.1	05/07/11	WG	Oxidation-Reduction Potential	146	mV	CAWA-11-7265
CdV-R-15-3 S4	1235.1	05/05/11	WG	Oxidation-Reduction Potential	183	mV	CAWA-11-7028
CdV-R-15-3 S4	1235.1	05/05/11	WG	Oxidation-Reduction Potential	150.5	mV	CAWA-11-6855
CdV-R-15-3 S4	1235.1	05/05/11	WG	Oxidation-Reduction Potential	173.8	mV	CAWA-11-6916

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-15-3 S4	1235.1	05/05/11	WG	Oxidation-Reduction Potential	194.4	mV	CAWA-11-6969
CdV-R-15-3 S4	1235.1	09/19/13	WG	pH	8.43	SU	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	pH	7.69	SU	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	pH	7.67	SU	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	pH	7.68	SU	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	pH	8.23	SU	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	pH	7.72	SU	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	pH	7.71	SU	CAWA-11-7331
CdV-R-15-3 S4	1235.1	05/07/11	WG	pH	7.76	SU	CAWA-11-7248
CdV-R-15-3 S4	1235.1	05/07/11	WG	pH	7.68	SU	CAWA-11-7249
CdV-R-15-3 S4	1235.1	05/07/11	WG	pH	7.66	SU	CAWA-11-7265
CdV-R-15-3 S4	1235.1	05/05/11	WG	pH	7.72	SU	CAWA-11-7028
CdV-R-15-3 S4	1235.1	05/05/11	WG	pH	7.66	SU	CAWA-11-6855
CdV-R-15-3 S4	1235.1	05/05/11	WG	pH	7.7	SU	CAWA-11-6916
CdV-R-15-3 S4	1235.1	05/05/11	WG	pH	7.73	SU	CAWA-11-6969
CdV-R-15-3 S4	1235.1	09/19/13	WG	Specific Conductance	130	µS/cm	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Specific Conductance	119	µS/cm	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Specific Conductance	116	µS/cm	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Specific Conductance	119	µS/cm	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Specific Conductance	132	µS/cm	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Specific Conductance	117	µS/cm	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Specific Conductance	119	µS/cm	CAWA-11-7331
CdV-R-15-3 S4	1235.1	05/07/11	WG	Specific Conductance	122	µS/cm	CAWA-11-7248
CdV-R-15-3 S4	1235.1	05/07/11	WG	Specific Conductance	118	µS/cm	CAWA-11-7249
CdV-R-15-3 S4	1235.1	05/07/11	WG	Specific Conductance	117	µS/cm	CAWA-11-7265
CdV-R-15-3 S4	1235.1	05/05/11	WG	Specific Conductance	115	µS/cm	CAWA-11-7028
CdV-R-15-3 S4	1235.1	05/05/11	WG	Specific Conductance	124	µS/cm	CAWA-11-6855
CdV-R-15-3 S4	1235.1	05/05/11	WG	Specific Conductance	115	µS/cm	CAWA-11-6916

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-15-3 S4	1235.1	05/05/11	WG	Specific Conductance	115	µS/cm	CAWA-11-6969
CdV-R-15-3 S4	1235.1	09/19/13	WG	Temperature	16.46	deg C	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Temperature	16.92	deg C	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Temperature	13.61	deg C	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Temperature	17.38	deg C	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Temperature	19.99	deg C	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Temperature	18.35	deg C	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Temperature	18.2	deg C	CAWA-11-7331
CdV-R-15-3 S4	1235.1	05/07/11	WG	Temperature	13.87	deg C	CAWA-11-7248
CdV-R-15-3 S4	1235.1	05/07/11	WG	Temperature	17.67	deg C	CAWA-11-7249
CdV-R-15-3 S4	1235.1	05/07/11	WG	Temperature	17.5	deg C	CAWA-11-7265
CdV-R-15-3 S4	1235.1	05/05/11	WG	Temperature	18.54	deg C	CAWA-11-7028
CdV-R-15-3 S4	1235.1	05/05/11	WG	Temperature	14.32	deg C	CAWA-11-6855
CdV-R-15-3 S4	1235.1	05/05/11	WG	Temperature	17.17	deg C	CAWA-11-6916
CdV-R-15-3 S4	1235.1	05/05/11	WG	Temperature	18.09	deg C	CAWA-11-6969
CdV-R-15-3 S4	1235.1	09/19/13	WG	Turbidity	7.3	NTU	CAWA-13-41328
CdV-R-15-3 S4	1235.1	05/11/11	WG	Turbidity	1.56	NTU	CAWA-11-7364
CdV-R-15-3 S4	1235.1	05/11/11	WG	Turbidity	2.17	NTU	CAWA-11-7352
CdV-R-15-3 S4	1235.1	05/11/11	WG	Turbidity	0.75	NTU	CAWA-11-7354
CdV-R-15-3 S4	1235.1	05/08/11	WG	Turbidity	21.3	NTU	CAWA-11-7330
CdV-R-15-3 S4	1235.1	05/08/11	WG	Turbidity	3.84	NTU	CAWA-11-7326
CdV-R-15-3 S4	1235.1	05/08/11	WG	Turbidity	2.81	NTU	CAWA-11-7331
CdV-R-15-3 S4	1235.1	05/07/11	WG	Turbidity	2.85	NTU	CAWA-11-7248
CdV-R-15-3 S4	1235.1	05/07/11	WG	Turbidity	1.58	NTU	CAWA-11-7249
CdV-R-15-3 S4	1235.1	05/07/11	WG	Turbidity	3.56	NTU	CAWA-11-7265
CdV-R-15-3 S4	1235.1	05/05/11	WG	Turbidity	0.45	NTU	CAWA-11-7028
CdV-R-15-3 S4	1235.1	05/05/11	WG	Turbidity	3.58	NTU	CAWA-11-6855
CdV-R-15-3 S4	1235.1	05/05/11	WG	Turbidity	3.03	NTU	CAWA-11-6916

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-15-3 S4	1235.1	05/05/11	WG	Turbidity	1.04	NTU	CAWA-11-6969
CdV-R-37-2 S2	1188.7	09/20/13	WG	Dissolved Oxygen	2.26	mg/L	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Dissolved Oxygen	2.44	mg/L	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Dissolved Oxygen	2.33	mg/L	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Dissolved Oxygen	1.64	mg/L	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Dissolved Oxygen	4.03	mg/L	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Dissolved Oxygen	2.15	mg/L	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Dissolved Oxygen	2.9	mg/L	CAWA-11-7333
CdV-R-37-2 S2	1188.7	04/20/11	WG	Dissolved Oxygen	1.85	mg/L	CAWA-11-7268
CdV-R-37-2 S2	1188.7	04/20/11	WG	Dissolved Oxygen	1.85	mg/L	CAWA-11-7284
CdV-R-37-2 S2	1188.7	04/20/11	WG	Dissolved Oxygen	1.64	mg/L	CAWA-11-7267
CdV-R-37-2 S2	1188.7	04/17/11	WG	Dissolved Oxygen	1.75	mg/L	CAWA-11-6988
CdV-R-37-2 S2	1188.7	04/17/11	WG	Dissolved Oxygen	4.37	mg/L	CAWA-11-6881
CdV-R-37-2 S2	1188.7	04/17/11	WG	Dissolved Oxygen	1.71	mg/L	CAWA-11-6931
CdV-R-37-2 S2	1188.7	04/17/11	WG	Dissolved Oxygen	2.1	mg/L	CAWA-11-7049
CdV-R-37-2 S2	1188.7	09/20/13	WG	Oxidation-Reduction Potential	44	mV	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Oxidation-Reduction Potential	20.6	mV	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Oxidation-Reduction Potential	19.7	mV	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Oxidation-Reduction Potential	99.8	mV	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Oxidation-Reduction Potential	-49.5	mV	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Oxidation-Reduction Potential	-42.5	mV	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Oxidation-Reduction Potential	-20.5	mV	CAWA-11-7333
CdV-R-37-2 S2	1188.7	04/20/11	WG	Oxidation-Reduction Potential	-36.3	mV	CAWA-11-7268
CdV-R-37-2 S2	1188.7	04/20/11	WG	Oxidation-Reduction Potential	-36.3	mV	CAWA-11-7284
CdV-R-37-2 S2	1188.7	04/20/11	WG	Oxidation-Reduction Potential	-20.5	mV	CAWA-11-7267
CdV-R-37-2 S2	1188.7	04/17/11	WG	Oxidation-Reduction Potential	-90.7	mV	CAWA-11-6988
CdV-R-37-2 S2	1188.7	04/17/11	WG	Oxidation-Reduction Potential	99.3	mV	CAWA-11-6881
CdV-R-37-2 S2	1188.7	04/17/11	WG	Oxidation-Reduction Potential	-69.7	mV	CAWA-11-6931

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-37-2 S2	1188.7	04/17/11	WG	Oxidation-Reduction Potential	-95.6	mV	CAWA-11-7049
CdV-R-37-2 S2	1188.7	09/20/13	WG	pH	7.24	SU	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	pH	7.22	SU	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	pH	7.24	SU	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	pH	7.53	SU	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	pH	7.19	SU	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	pH	7.22	SU	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	pH	7.4	SU	CAWA-11-7333
CdV-R-37-2 S2	1188.7	04/20/11	WG	pH	7.28	SU	CAWA-11-7268
CdV-R-37-2 S2	1188.7	04/20/11	WG	pH	7.2	SU	CAWA-11-7284
CdV-R-37-2 S2	1188.7	04/20/11	WG	pH	7.77	SU	CAWA-11-7267
CdV-R-37-2 S2	1188.7	04/17/11	WG	pH	7.24	SU	CAWA-11-6988
CdV-R-37-2 S2	1188.7	04/17/11	WG	pH	7.54	SU	CAWA-11-6881
CdV-R-37-2 S2	1188.7	04/17/11	WG	pH	7.25	SU	CAWA-11-6931
CdV-R-37-2 S2	1188.7	04/17/11	WG	pH	7.27	SU	CAWA-11-7049
CdV-R-37-2 S2	1188.7	09/20/13	WG	Specific Conductance	124	µS/cm	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Specific Conductance	118	µS/cm	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Specific Conductance	116	µS/cm	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Specific Conductance	118	µS/cm	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Specific Conductance	119	µS/cm	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Specific Conductance	118	µS/cm	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Specific Conductance	120	µS/cm	CAWA-11-7333
CdV-R-37-2 S2	1188.7	04/20/11	WG	Specific Conductance	116	µS/cm	CAWA-11-7268
CdV-R-37-2 S2	1188.7	04/20/11	WG	Specific Conductance	116	µS/cm	CAWA-11-7284
CdV-R-37-2 S2	1188.7	04/20/11	WG	Specific Conductance	121	µS/cm	CAWA-11-7267
CdV-R-37-2 S2	1188.7	04/17/11	WG	Specific Conductance	118	µS/cm	CAWA-11-6988
CdV-R-37-2 S2	1188.7	04/17/11	WG	Specific Conductance	108	µS/cm	CAWA-11-6881
CdV-R-37-2 S2	1188.7	04/17/11	WG	Specific Conductance	117	µS/cm	CAWA-11-6931

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CdV-R-37-2 S2	1188.7	04/17/11	WG	Specific Conductance	115	µS/cm	CAWA-11-7049
CdV-R-37-2 S2	1188.7	09/20/13	WG	Temperature	18.04	deg C	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Temperature	21.87	deg C	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Temperature	21.81	deg C	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Temperature	20.13	deg C	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Temperature	20.24	deg C	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Temperature	20.92	deg C	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Temperature	18.27	deg C	CAWA-11-7333
CdV-R-37-2 S2	1188.7	04/20/11	WG	Temperature	22.33	deg C	CAWA-11-7268
CdV-R-37-2 S2	1188.7	04/20/11	WG	Temperature	22.33	deg C	CAWA-11-7284
CdV-R-37-2 S2	1188.7	04/20/11	WG	Temperature	21.74	deg C	CAWA-11-7267
CdV-R-37-2 S2	1188.7	04/17/11	WG	Temperature	20.71	deg C	CAWA-11-6988
CdV-R-37-2 S2	1188.7	04/17/11	WG	Temperature	15.68	deg C	CAWA-11-6881
CdV-R-37-2 S2	1188.7	04/17/11	WG	Temperature	19.11	deg C	CAWA-11-6931
CdV-R-37-2 S2	1188.7	04/17/11	WG	Temperature	20.89	deg C	CAWA-11-7049
CdV-R-37-2 S2	1188.7	09/20/13	WG	Turbidity	2.4	NTU	CAWA-13-41329
CdV-R-37-2 S2	1188.7	04/24/11	WG	Turbidity	1.72	NTU	CAWA-11-7382
CdV-R-37-2 S2	1188.7	04/24/11	WG	Turbidity	1.46	NTU	CAWA-11-7370
CdV-R-37-2 S2	1188.7	04/24/11	WG	Turbidity	5.03	NTU	CAWA-11-7372
CdV-R-37-2 S2	1188.7	04/22/11	WG	Turbidity	5.89	NTU	CAWA-11-7332
CdV-R-37-2 S2	1188.7	04/22/11	WG	Turbidity	3.16	NTU	CAWA-11-7334
CdV-R-37-2 S2	1188.7	04/22/11	WG	Turbidity	7.55	NTU	CAWA-11-7333
CdV-R-37-2 S2	1188.7	04/20/11	WG	Turbidity	1.61	NTU	CAWA-11-7268
CdV-R-37-2 S2	1188.7	04/20/11	WG	Turbidity	1.61	NTU	CAWA-11-7284
CdV-R-37-2 S2	1188.7	04/20/11	WG	Turbidity	2.7	NTU	CAWA-11-7267
CdV-R-37-2 S2	1188.7	08/11/10	WG	Turbidity	1.92	NTU	CAWA-10-24762
FLC-16-25280	2.6	09/23/13	WG	Dissolved Oxygen	0.26	mg/L	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Dissolved Oxygen	1.24	mg/L	CAWA-10-15115

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
FLC-16-25280	2.6	04/02/09	WG	Dissolved Oxygen	5.57	mg/L	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Dissolved Oxygen	1.55	mg/L	CAWA-08-11605
FLC-16-25280	2.6	09/23/13	WG	Oxidation-Reduction Potential	199.3	mV	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Oxidation-Reduction Potential	243.2	mV	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	Oxidation-Reduction Potential	361.1	mV	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Oxidation-Reduction Potential	189	mV	CAWA-08-11605
FLC-16-25280	2.6	09/23/13	WG	pH	4.71	SU	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	pH	5.3	SU	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	pH	4.88	SU	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	pH	6.11	SU	CAWA-08-11605
FLC-16-25280	2.6	09/23/13	WG	Specific Conductance	178	µS/cm	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Specific Conductance	124	µS/cm	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	Specific Conductance	68	µS/cm	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Specific Conductance	85.7	µS/cm	CAWA-08-11605
FLC-16-25280	2.6	09/23/13	WG	Temperature	16.49	deg C	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Temperature	5.83	deg C	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	Temperature	5.63	deg C	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Temperature	5.6	deg C	CAWA-08-11605
FLC-16-25280	2.6	09/23/13	WG	Turbidity	199.3	NTU	CAWA-13-42029
FLC-16-25280	2.6	04/05/10	WG	Turbidity	105	NTU	CAWA-10-15115
FLC-16-25280	2.6	04/02/09	WG	Turbidity	243	NTU	CAWA-09-5577
FLC-16-25280	2.6	04/03/08	WG	Turbidity	118	NTU	CAWA-08-11605
Martin Spring	—	09/17/13	WG	Dissolved Oxygen	6.1	mg/L	CAWA-13-40710
Martin Spring	—	03/27/13	WG	Dissolved Oxygen	7.55	mg/L	CAWA-13-28831
Martin Spring	—	07/20/12	WG	Dissolved Oxygen	7.52	mg/L	CAWA-12-17546
Martin Spring	—	01/18/12	WG	Dissolved Oxygen	7.82	mg/L	CAWA-12-1930
Martin Spring	—	09/15/11	WG	Dissolved Oxygen	8.31	mg/L	CAWA-11-27191
Martin Spring	—	09/15/11	WG	Dissolved Oxygen	6.91	mg/L	CAWA-11-27055

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Martin Spring	—	09/17/13	WG	pH	6.85	SU	CAWA-13-40710
Martin Spring	—	03/27/13	WG	pH	7.02	SU	CAWA-13-28831
Martin Spring	—	07/20/12	WG	pH	7.17	SU	CAWA-12-17546
Martin Spring	—	01/18/12	WG	pH	7.3	SU	CAWA-12-1930
Martin Spring	—	09/15/11	WG	pH	7.17	SU	CAWA-11-27191
Martin Spring	—	09/15/11	WG	pH	7.27	SU	CAWA-11-27055
Martin Spring	—	09/17/13	WG	Specific Conductance	243	µS/cm	CAWA-13-40710
Martin Spring	—	03/27/13	WG	Specific Conductance	347	µS/cm	CAWA-13-28831
Martin Spring	—	07/20/12	WG	Specific Conductance	368	µS/cm	CAWA-12-17546
Martin Spring	—	01/18/12	WG	Specific Conductance	404	µS/cm	CAWA-12-1930
Martin Spring	—	09/15/11	WG	Specific Conductance	269	µS/cm	CAWA-11-27191
Martin Spring	—	09/15/11	WG	Specific Conductance	344	µS/cm	CAWA-11-27055
Martin Spring	—	09/17/13	WG	Temperature	10.97	deg C	CAWA-13-40710
Martin Spring	—	03/27/13	WG	Temperature	11.18	deg C	CAWA-13-28831
Martin Spring	—	07/20/12	WG	Temperature	13.67	deg C	CAWA-12-17546
Martin Spring	—	01/18/12	WG	Temperature	9.6	deg C	CAWA-12-1930
Martin Spring	—	09/15/11	WG	Temperature	10.46	deg C	CAWA-11-27191
Martin Spring	—	09/15/11	WG	Temperature	12.82	deg C	CAWA-11-27055
Martin Spring	—	09/17/13	WG	Turbidity	65.9	NTU	CAWA-13-40710
Martin Spring	—	03/27/13	WG	Turbidity	12	NTU	CAWA-13-28831
Martin Spring	—	07/20/12	WG	Turbidity	10.9	NTU	CAWA-12-17546
Martin Spring	—	01/18/12	WG	Turbidity	3.6	NTU	CAWA-12-1930
Martin Spring	—	09/15/11	WG	Turbidity	2.72	NTU	CAWA-11-27191
Martin Spring	—	09/15/11	WG	Turbidity	21.8	NTU	CAWA-11-27055
R-18	1358	09/03/13	WG	Dissolved Oxygen	5.66	mg/L	CAPA-13-40943
R-18	1358	09/03/13	WG	Dissolved Oxygen	5.62	mg/L	CAPA-13-41314
R-18	1358	03/13/13	WG	Dissolved Oxygen	5.94	mg/L	CAPA-13-28875
R-18	1358	07/10/12	WG	Dissolved Oxygen	5.46	mg/L	CAPA-12-17577

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-18	1358	01/17/12	WG	Dissolved Oxygen	5.82	mg/L	CAPA-12-2038
R-18	1358	09/07/11	WG	Dissolved Oxygen	5.46	mg/L	CAWA-11-27164
R-18	1358	09/03/13	WG	Oxidation-Reduction Potential	154.2	mV	CAPA-13-40943
R-18	1358	09/03/13	WG	Oxidation-Reduction Potential	154.8	mV	CAPA-13-41314
R-18	1358	03/13/13	WG	Oxidation-Reduction Potential	159.3	mV	CAPA-13-28875
R-18	1358	07/10/12	WG	Oxidation-Reduction Potential	221.8	mV	CAPA-12-17577
R-18	1358	01/17/12	WG	Oxidation-Reduction Potential	139.3	mV	CAPA-12-2038
R-18	1358	09/07/11	WG	Oxidation-Reduction Potential	163.5	mV	CAWA-11-27164
R-18	1358	09/03/13	WG	pH	7.73	SU	CAPA-13-40943
R-18	1358	09/03/13	WG	pH	7.68	SU	CAPA-13-41314
R-18	1358	03/13/13	WG	pH	7.67	SU	CAPA-13-28875
R-18	1358	07/10/12	WG	pH	7.59	SU	CAPA-12-17577
R-18	1358	01/17/12	WG	pH	7.76	SU	CAPA-12-2038
R-18	1358	09/07/11	WG	pH	7.76	SU	CAWA-11-27164
R-18	1358	09/03/13	WG	Specific Conductance	114	µS/cm	CAPA-13-40943
R-18	1358	09/03/13	WG	Specific Conductance	114	µS/cm	CAPA-13-41314
R-18	1358	03/13/13	WG	Specific Conductance	42	µS/cm	CAPA-13-28875
R-18	1358	07/10/12	WG	Specific Conductance	112	µS/cm	CAPA-12-17577
R-18	1358	01/17/12	WG	Specific Conductance	107	µS/cm	CAPA-12-2038
R-18	1358	09/07/11	WG	Specific Conductance	109	µS/cm	CAWA-11-27164
R-18	1358	09/03/13	WG	Temperature	17.98	deg C	CAPA-13-40943
R-18	1358	09/03/13	WG	Temperature	16.17	deg C	CAPA-13-41314
R-18	1358	03/13/13	WG	Temperature	15.79	deg C	CAPA-13-28875
R-18	1358	07/10/12	WG	Temperature	16.77	deg C	CAPA-12-17577
R-18	1358	01/17/12	WG	Temperature	15.48	deg C	CAPA-12-2038
R-18	1358	09/07/11	WG	Temperature	16.12	deg C	CAWA-11-27164
R-18	1358	09/03/13	WG	Turbidity	0.32	NTU	CAPA-13-40943
R-18	1358	09/03/13	WG	Turbidity	0.81	NTU	CAPA-13-41314

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-18	1358	03/13/13	WG	Turbidity	0.28	NTU	CAPA-13-28875
R-18	1358	07/10/12	WG	Turbidity	0.26	NTU	CAPA-12-17577
R-18	1358	01/17/12	WG	Turbidity	0.23	NTU	CAPA-12-2038
R-18	1358	09/07/11	WG	Turbidity	0.18	NTU	CAWA-11-27164
R-25 S1	737.6	09/10/13	WG	Dissolved Oxygen	7.46	mg/L	CAWA-13-40711
R-25 S1	737.6	03/12/13	WG	Dissolved Oxygen	5.36	mg/L	CAWA-13-28833
R-25 S1	737.6	07/18/12	WG	Dissolved Oxygen	5.15	mg/L	CAWA-12-17548
R-25 S1	737.6	01/11/12	WG	Dissolved Oxygen	7.46	mg/L	CAWA-12-2004
R-25 S1	737.6	09/09/11	WG	Dissolved Oxygen	6.54	mg/L	CAWA-11-27108
R-25 S1	737.6	09/10/13	WG	pH	6.91	SU	CAWA-13-40711
R-25 S1	737.6	03/12/13	WG	pH	7.33	SU	CAWA-13-28833
R-25 S1	737.6	07/18/12	WG	pH	7.51	SU	CAWA-12-17548
R-25 S1	737.6	01/11/12	WG	pH	7.29	SU	CAWA-12-2004
R-25 S1	737.6	09/09/11	WG	pH	7.14	SU	CAWA-11-27108
R-25 S1	737.6	09/10/13	WG	Specific Conductance	196	µS/cm	CAWA-13-40711
R-25 S1	737.6	03/12/13	WG	Specific Conductance	179	µS/cm	CAWA-13-28833
R-25 S1	737.6	07/18/12	WG	Specific Conductance	185	µS/cm	CAWA-12-17548
R-25 S1	737.6	01/11/12	WG	Specific Conductance	187	µS/cm	CAWA-12-2004
R-25 S1	737.6	09/09/11	WG	Specific Conductance	184	µS/cm	CAWA-11-27108
R-25 S1	737.6	09/10/13	WG	Temperature	12.98	deg C	CAWA-13-40711
R-25 S1	737.6	03/12/13	WG	Temperature	12.26	deg C	CAWA-13-28833
R-25 S1	737.6	07/18/12	WG	Temperature	16.6	deg C	CAWA-12-17548
R-25 S1	737.6	01/11/12	WG	Temperature	9.38	deg C	CAWA-12-2004
R-25 S1	737.6	09/09/11	WG	Temperature	12.39	deg C	CAWA-11-27108
R-25 S1	737.6	09/10/13	WG	Turbidity	8.1	NTU	CAWA-13-40711
R-25 S1	737.6	03/12/13	WG	Turbidity	33.6	NTU	CAWA-13-28833
R-25 S1	737.6	07/18/12	WG	Turbidity	33.7	NTU	CAWA-12-17548
R-25 S1	737.6	01/11/12	WG	Turbidity	5.58	NTU	CAWA-12-2004

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25 S1	737.6	09/09/11	WG	Turbidity	19.2	NTU	CAWA-11-27108
R-25 S2	882.6	09/11/13	WG	Dissolved Oxygen	5.72	mg/L	CAWA-13-40712
R-25 S2	882.6	03/13/13	WG	Dissolved Oxygen	4.81	mg/L	CAWA-13-28834
R-25 S2	882.6	07/18/12	WG	Dissolved Oxygen	7.35	mg/L	CAWA-12-17549
R-25 S2	882.6	01/12/12	WG	Dissolved Oxygen	7.96	mg/L	CAWA-12-1970
R-25 S2	882.6	06/15/11	WG	Dissolved Oxygen	3.97	mg/L	CAWA-11-13989
R-25 S2	882.6	09/11/13	WG	pH	6.79	SU	CAWA-13-40712
R-25 S2	882.6	03/13/13	WG	pH	6.32	SU	CAWA-13-28834
R-25 S2	882.6	07/18/12	WG	pH	6.63	SU	CAWA-12-17549
R-25 S2	882.6	01/12/12	WG	pH	6.44	SU	CAWA-12-1970
R-25 S2	882.6	09/12/11	WG	pH	6.33	SU	CAWA-11-27141
R-25 S2	882.6	09/11/13	WG	Specific Conductance	259	µS/cm	CAWA-13-40712
R-25 S2	882.6	03/13/13	WG	Specific Conductance	240	µS/cm	CAWA-13-28834
R-25 S2	882.6	07/18/12	WG	Specific Conductance	257	µS/cm	CAWA-12-17549
R-25 S2	882.6	01/12/12	WG	Specific Conductance	202	µS/cm	CAWA-12-1970
R-25 S2	882.6	09/12/11	WG	Specific Conductance	285	µS/cm	CAWA-11-27141
R-25 S2	882.6	09/11/13	WG	Temperature	15.88	deg C	CAWA-13-40712
R-25 S2	882.6	03/13/13	WG	Temperature	12.32	deg C	CAWA-13-28834
R-25 S2	882.6	07/18/12	WG	Temperature	15.72	deg C	CAWA-12-17549
R-25 S2	882.6	01/12/12	WG	Temperature	9.04	deg C	CAWA-12-1970
R-25 S2	882.6	09/12/11	WG	Temperature	13.83	deg C	CAWA-11-27141
R-25 S2	882.6	09/11/13	WG	Turbidity	84.2	NTU	CAWA-13-40712
R-25 S2	882.6	03/13/13	WG	Turbidity	133.1	NTU	CAWA-13-28834
R-25 S2	882.6	07/18/12	WG	Turbidity	61.49	NTU	CAWA-12-17549
R-25 S2	882.6	01/12/12	WG	Turbidity	145	NTU	CAWA-12-1970
R-25 S2	882.6	09/12/11	WG	Turbidity	91.8	NTU	CAWA-11-27141
R-25 S4	1184.6	09/12/13	WG	Dissolved Oxygen	7.83	mg/L	CAWA-13-40713
R-25 S4	1184.6	03/20/13	WG	Dissolved Oxygen	7.33	mg/L	CAWA-13-28835

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25 S4	1184.6	07/19/12	WG	Dissolved Oxygen	7.01	mg/L	CAWA-12-17550
R-25 S4	1184.6	01/12/12	WG	Dissolved Oxygen	8.18	mg/L	CAWA-12-1973
R-25 S4	1184.6	09/12/11	WG	Dissolved Oxygen	4.71	mg/L	CAWA-11-27111
R-25 S4	1184.6	09/12/13	WG	pH	7.73	SU	CAWA-13-40713
R-25 S4	1184.6	03/20/13	WG	pH	6.81	SU	CAWA-13-28835
R-25 S4	1184.6	07/19/12	WG	pH	7.8	SU	CAWA-12-17550
R-25 S4	1184.6	01/12/12	WG	pH	7.34	SU	CAWA-12-1973
R-25 S4	1184.6	09/12/11	WG	pH	7.61	SU	CAWA-11-27111
R-25 S4	1184.6	09/12/13	WG	Specific Conductance	181	µS/cm	CAWA-13-40713
R-25 S4	1184.6	03/20/13	WG	Specific Conductance	205	µS/cm	CAWA-13-28835
R-25 S4	1184.6	07/19/12	WG	Specific Conductance	209	µS/cm	CAWA-12-17550
R-25 S4	1184.6	01/12/12	WG	Specific Conductance	229	µS/cm	CAWA-12-1973
R-25 S4	1184.6	09/12/11	WG	Specific Conductance	230	µS/cm	CAWA-11-27111
R-25 S4	1184.6	09/12/13	WG	Temperature	12.62	deg C	CAWA-13-40713
R-25 S4	1184.6	03/20/13	WG	Temperature	11.73	deg C	CAWA-13-28835
R-25 S4	1184.6	07/19/12	WG	Temperature	14.9	deg C	CAWA-12-17550
R-25 S4	1184.6	01/12/12	WG	Temperature	9.16	deg C	CAWA-12-1973
R-25 S4	1184.6	09/12/11	WG	Temperature	15.61	deg C	CAWA-11-27111
R-25 S4	1184.6	09/12/13	WG	Turbidity	4.5	NTU	CAWA-13-40713
R-25 S4	1184.6	03/20/13	WG	Turbidity	0.87	NTU	CAWA-13-28835
R-25 S4	1184.6	07/19/12	WG	Turbidity	0.49	NTU	CAWA-12-17550
R-25 S4	1184.6	01/12/12	WG	Turbidity	2.7	NTU	CAWA-12-1973
R-25 S4	1184.6	09/12/11	WG	Turbidity	1.82	NTU	CAWA-11-27111
R-25b	750	09/10/13	WG	Dissolved Oxygen	6.04	mg/L	CAWA-13-40732
R-25b	750	03/21/13	WG	Dissolved Oxygen	6.17	mg/L	CAWA-13-28839
R-25b	750	07/23/12	WG	Dissolved Oxygen	5.61	mg/L	CAWA-12-21591
R-25b	750	01/23/12	WG	Dissolved Oxygen	5.03	mg/L	CAWA-12-1978
R-25b	750	09/15/11	WG	Dissolved Oxygen	5.16	mg/L	CAWA-11-27115

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-25b	750	09/10/13	WG	Oxidation-Reduction Potential	204.3	mV	CAWA-13-40732
R-25b	750	03/21/13	WG	Oxidation-Reduction Potential	233.9	mV	CAWA-13-28839
R-25b	750	07/23/12	WG	Oxidation-Reduction Potential	127.2	mV	CAWA-12-21591
R-25b	750	01/23/12	WG	Oxidation-Reduction Potential	151.3	mV	CAWA-12-1978
R-25b	750	09/15/11	WG	Oxidation-Reduction Potential	200.3	mV	CAWA-11-27115
R-25b	750	09/10/13	WG	pH	7.25	SU	CAWA-13-40732
R-25b	750	03/21/13	WG	pH	7.4	SU	CAWA-13-28839
R-25b	750	07/23/12	WG	pH	7.51	SU	CAWA-12-21591
R-25b	750	01/23/12	WG	pH	7.61	SU	CAWA-12-1978
R-25b	750	09/15/11	WG	pH	7.42	SU	CAWA-11-27115
R-25b	750	09/10/13	WG	Specific Conductance	131	µS/cm	CAWA-13-40732
R-25b	750	03/21/13	WG	Specific Conductance	129	µS/cm	CAWA-13-28839
R-25b	750	07/23/12	WG	Specific Conductance	143	µS/cm	CAWA-12-21591
R-25b	750	01/23/12	WG	Specific Conductance	140	µS/cm	CAWA-12-1978
R-25b	750	09/15/11	WG	Specific Conductance	138	µS/cm	CAWA-11-27115
R-25b	750	09/10/13	WG	Temperature	10.47	deg C	CAWA-13-40732
R-25b	750	03/21/13	WG	Temperature	9.51	deg C	CAWA-13-28839
R-25b	750	07/23/12	WG	Temperature	10.08	deg C	CAWA-12-21591
R-25b	750	01/23/12	WG	Temperature	9.26	deg C	CAWA-12-1978
R-25b	750	09/15/11	WG	Temperature	10.46	deg C	CAWA-11-27115
R-25b	750	09/10/13	WG	Turbidity	3.2	NTU	CAWA-13-40732
R-25b	750	03/21/13	WG	Turbidity	1.5	NTU	CAWA-13-28839
R-25b	750	07/23/12	WG	Turbidity	5.6	NTU	CAWA-12-21591
R-25b	750	01/23/12	WG	Turbidity	7.6	NTU	CAWA-12-1978
R-25b	750	09/15/11	WG	Turbidity	9.95	NTU	CAWA-11-27115
R-26 PZ-2	150	09/04/13	WG	Dissolved Oxygen	7.03	mg/L	CAWA-13-40715
R-26 PZ-2	150	03/15/13	WG	Dissolved Oxygen	6.8	mg/L	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	Dissolved Oxygen	7.45	mg/L	CAWA-12-17552

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-26 PZ-2	150	01/26/12	WG	Dissolved Oxygen	6.97	mg/L	CAWA-12-1980
R-26 PZ-2	150	09/19/11	WG	Dissolved Oxygen	8.17	mg/L	CAWA-11-27097
R-26 PZ-2	150	09/04/13	WG	Oxidation-Reduction Potential	-44.3	mV	CAWA-13-40715
R-26 PZ-2	150	03/15/13	WG	Oxidation-Reduction Potential	44.1	mV	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	Oxidation-Reduction Potential	110.8	mV	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	Oxidation-Reduction Potential	-20.4	mV	CAWA-12-1980
R-26 PZ-2	150	09/19/11	WG	Oxidation-Reduction Potential	352.8	mV	CAWA-11-27097
R-26 PZ-2	150	09/04/13	WG	pH	7.28	SU	CAWA-13-40715
R-26 PZ-2	150	03/15/13	WG	pH	7.11	SU	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	pH	7.05	SU	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	pH	7.21	SU	CAWA-12-1980
R-26 PZ-2	150	09/19/11	WG	pH	7.2	SU	CAWA-11-27097
R-26 PZ-2	150	09/04/13	WG	Specific Conductance	226	µS/cm	CAWA-13-40715
R-26 PZ-2	150	03/15/13	WG	Specific Conductance	116	µS/cm	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	Specific Conductance	211	µS/cm	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	Specific Conductance	206	µS/cm	CAWA-12-1980
R-26 PZ-2	150	09/19/11	WG	Specific Conductance	233	µS/cm	CAWA-11-27097
R-26 PZ-2	150	09/04/13	WG	Temperature	13.55	deg C	CAWA-13-40715
R-26 PZ-2	150	03/15/13	WG	Temperature	13.24	deg C	CAWA-13-28840
R-26 PZ-2	150	07/16/12	WG	Temperature	12.19	deg C	CAWA-12-17552
R-26 PZ-2	150	01/26/12	WG	Temperature	9.45	deg C	CAWA-12-1980
R-26 PZ-2	150	09/19/11	WG	Temperature	12.34	deg C	CAWA-11-27097
R-63	1325	09/09/13	WG	Dissolved Oxygen	5.81	mg/L	CAWA-13-40716
R-63	1325	09/09/13	WG	Dissolved Oxygen	5.64	mg/L	CAWA-13-41317
R-63	1325	03/13/13	WG	Dissolved Oxygen	6.18	mg/L	CAWA-13-28844
R-63	1325	07/24/12	WG	Dissolved Oxygen	6.25	mg/L	CAWA-12-17554
R-63	1325	04/04/12	WG	Dissolved Oxygen	6.14	mg/L	CAWA-12-13004
R-63	1325	01/20/12	WG	Dissolved Oxygen	6.31	mg/L	CAWA-12-2016

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-63	1325	09/09/13	WG	Oxidation-Reduction Potential	151.8	mV	CAWA-13-40716
R-63	1325	09/09/13	WG	Oxidation-Reduction Potential	148	mV	CAWA-13-41317
R-63	1325	03/13/13	WG	Oxidation-Reduction Potential	164.8	mV	CAWA-13-28844
R-63	1325	07/24/12	WG	Oxidation-Reduction Potential	110.1	mV	CAWA-12-17554
R-63	1325	04/04/12	WG	Oxidation-Reduction Potential	1.8	mV	CAWA-12-13004
R-63	1325	01/20/12	WG	Oxidation-Reduction Potential	185.8	mV	CAWA-12-2016
R-63	1325	09/09/13	WG	pH	7.5	SU	CAWA-13-40716
R-63	1325	09/09/13	WG	pH	7.43	SU	CAWA-13-41317
R-63	1325	03/13/13	WG	pH	7.5	SU	CAWA-13-28844
R-63	1325	07/24/12	WG	pH	7.38	SU	CAWA-12-17554
R-63	1325	04/04/12	WG	pH	7.54	SU	CAWA-12-13004
R-63	1325	01/20/12	WG	pH	7.52	SU	CAWA-12-2016
R-63	1325	09/09/13	WG	Specific Conductance	108	µS/cm	CAWA-13-40716
R-63	1325	09/09/13	WG	Specific Conductance	109	µS/cm	CAWA-13-41317
R-63	1325	03/13/13	WG	Specific Conductance	104	µS/cm	CAWA-13-28844
R-63	1325	07/24/12	WG	Specific Conductance	110	µS/cm	CAWA-12-17554
R-63	1325	04/04/12	WG	Specific Conductance	107	µS/cm	CAWA-12-13004
R-63	1325	01/20/12	WG	Specific Conductance	102	µS/cm	CAWA-12-2016
R-63	1325	09/09/13	WG	Temperature	14.72	deg C	CAWA-13-40716
R-63	1325	09/09/13	WG	Temperature	14.15	deg C	CAWA-13-41317
R-63	1325	03/13/13	WG	Temperature	13.27	deg C	CAWA-13-28844
R-63	1325	07/24/12	WG	Temperature	14.69	deg C	CAWA-12-17554
R-63	1325	04/04/12	WG	Temperature	11.24	deg C	CAWA-12-13004
R-63	1325	01/20/12	WG	Temperature	13.73	deg C	CAWA-12-2016
R-63	1325	09/09/13	WG	Turbidity	0.8	NTU	CAWA-13-40716
R-63	1325	09/09/13	WG	Turbidity	1.1	NTU	CAWA-13-41317
R-63	1325	03/13/13	WG	Turbidity	0.6	NTU	CAWA-13-28844
R-63	1325	07/24/12	WG	Turbidity	0.64	NTU	CAWA-12-17554

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-63	1325	04/04/12	WG	Turbidity	1.3	NTU	CAWA-12-13004
R-63	1325	01/20/12	WG	Turbidity	3.59	NTU	CAWA-12-2016

^a WG = Groundwater.

^b SU = Standard unit.

^c NTU = Nephelometric turbidity unit.

^d — = Not applicable.

^e WS = Base flow.

Appendix B

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

Appendix C

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

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

Acronyms and Abbreviations

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

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

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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

Secondary Validation Flag Codes

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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.8	—	—	0.725	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.4	—	—	0.725	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.9	—	—	0.725	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.8	—	—	0.725	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.8	—	—	0.725	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.67	—	—	0.0816	µg/L	Y	—	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.59	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.6	—	—	0.0856	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.52	—	—	0.0879	µg/L	Y	—	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.27	—	—	0.0865	µg/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	74.2	—	—	15	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	75.6	—	—	15	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	69.3	—	—	15	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	81	—	—	15	µg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	72	—	—	15	µg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10	—	—	0.05	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.7	—	—	0.067	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.46	—	—	0.067	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.27	—	—	0.067	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.45	—	—	0.067	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.34	—	—	0.066	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	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	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	DNX	DNX	Y	0.311	—	—	0.0879	µg/L	Y	—	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	DNX	DNX	Y	0.41	—	—	0.091	µg/L	Y	J	J	12-1108	CAWA-12-10527	STSL
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0856	—	—	0.033	mg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.117	—	—	0.033	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.122	—	—	0.033	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.3	—	—	0.453	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.2	—	—	0.453	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.4	—	—	0.453	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.5	—	—	0.453	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	—	0.453	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.63	—	—	0.0816	µg/L	Y	—	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.01	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.87	—	—	0.0856	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.3	—	—	0.0879	µg/L	Y	Q	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.95	—	—	0.0865	µg/L	Y	—	NQ	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.31	—	—	0.11	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.35	—	—	0.11	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.43	—	—	0.11	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.16	—	—	0.11	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.59	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.8	—	—	0.3	µg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.67	—	—	0.3	µg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.63	—	—	0.3	µg/L	Y	J	J	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.74	—	—	0.25	µg/L	Y	J	J	12-1107	CAWA-12-10527	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	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	MNX	MNX	Y	0.72	—	—	0.0879	µg/L	Y	—	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	MNX	MNX	Y	0.59	—	—	0.091	µg/L	Y	—	NQ	12-1108	CAWA-12-10527	STSL
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.652	—	—	0.165	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.686	—	—	0.165	µg/L	Y	—	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.577	—	—	0.165	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.601	—	—	0.165	µg/L	Y	—	U	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.565	—	—	0.165	µg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.56	—	—	0.5	µg/L	Y	J	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.796	—	—	0.5	µg/L	Y	J	J	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.648	—	—	0.5	µg/L	Y	J	J	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.867	—	—	0.017	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.824	—	—	0.017	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.842	—	—	0.017	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.79	—	—	0.085	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.805	—	—	0.05	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.353	—	—	0.05	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.373	—	—	0.05	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.361	—	—	0.05	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	—	0.05	µg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.37	—	—	0.05	µg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.04	—	—	0.05	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.1	—	—	0.05	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.923	—	—	0.05	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.947	—	—	0.05	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.892	—	—	0.05	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	122	—	—	2.04	µg/L	Y	Q	J+	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	164	—	—	2.13	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	122	—	—	4.28	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	124	—	—	4.4	µg/L	Y	—	NQ	12-1439	CAWA-12-17543	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	03/16/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	154	—	—	4.32	µg/L	Y	—	NQ	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.8	—	—	0.053	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.1	—	—	0.053	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	J-	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61	—	—	0.053	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.56	—	—	0.1	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µS/cm	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.2	—	—	1	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.6	—	—	1	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	71.9	—	—	1	µg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.4	—	—	1	µg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.71	—	—	0.133	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.47	—	—	0.133	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	—	0.133	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.46	—	—	0.1	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.93	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.1	—	—	0.3	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.77	—	—	0.3	µg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.77	—	—	0.3	µg/L	Y	J	J	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.92	—	—	0.3	µg/L	Y	J	J	12-1107	CAWA-12-10527	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	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TNX	TNX	Y	0.293	—	—	0.0879	µg/L	Y	—	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330RDX	TNX	TNX	Y	1.1	—	—	0.082	µg/L	Y	—	NQ	12-1108	CAWA-12-10527	STSL
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0463	—	—	0.033	mg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.924	—	—	0.33	mg/L	Y	J	J	2013-956	CAWA-13-33602	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.969	—	—	0.33	mg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.606	—	—	0.33	mg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.11	—	—	0.33	mg/L	Y	—	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.834	—	—	0.33	mg/L	Y	J	J	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0225	—	—	0.017	mg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	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	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	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	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0506	—	—	0.015	mg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.77	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.71	—	—	0.3	µg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.69	—	—	0.3	µg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.65	—	—	0.3	µg/L	Y	J	J	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	03/16/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.77	—	—	0.25	µg/L	Y	J	J	12-1107	CAWA-12-10527	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.485	—	—	0.067	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.512	—	—	0.067	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.705	—	—	0.067	µg/L	Y	—	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.534	—	—	0.067	µg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.525	—	—	0.067	µg/L	Y	—	NQ	12-1107	CAWA-12-10528	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.94	—	—	1	µg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.35	—	—	1	µg/L	Y	J	J	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.39	—	—	1	µg/L	Y	J	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.06	—	—	1	µg/L	Y	J	J	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	03/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.65	—	—	1	µg/L	Y	J	J	12-1107	CAWA-12-10528	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	43.5	—	—	1	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	49.9	—	—	1	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	46.1	—	—	1	µg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	49.7	—	—	1	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	108	—	—	1	µg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.2	—	—	0.05	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.57	—	—	2	µg/L	Y	J	J	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.61	—	—	2	µg/L	Y	J	J	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	2.82	—	—	2	µg/L	Y	J	U	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.6	—	—	0.453	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.3	—	—	0.453	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59	—	—	0.453	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.7	—	—	0.45	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	70.9	—	—	0.45	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.0867	—	—	0.0829	µg/L	Y	JQ	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.193	—	—	0.0879	µg/L	Y	J	J	2013-666	CAWA-13-28819	GELC
16-26644	130	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.0895	—	—	0.0842	µg/L	Y	J	J	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.123	—	—	0.1	µg/L	Y	J	J	12-585	CAWA-12-1955	GELC
16-26644	130	09/19/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.38	—	—	0.1	µg/L	Y	—	NQ	11-3641	CAWA-11-27147	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	55.8	—	—	30	µg/L	Y	J	J	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	34.4	—	—	30	µg/L	Y	J	J	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	42.4	—	—	30	µg/L	Y	J	J	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	69.3	—	—	30	µg/L	Y	J	J	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.9	—	—	0.11	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.65	—	—	0.11	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.1	—	—	0.11	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.89	—	—	0.11	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.02	—	—	0.11	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.165	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.529	—	—	0.165	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.721	—	—	0.165	µg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.612	—	—	0.17	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.687	—	—	0.17	µg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.42	—	—	0.5	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.29	—	—	0.5	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.74	—	—	0.5	µg/L	Y	J	U	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.58	—	—	0.5	µg/L	Y	J	J	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.46	—	—	0.5	µg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.92	—	—	0.05	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.04	—	—	0.05	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.85	—	—	0.05	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.2	—	—	0.05	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.33	—	—	0.05	mg/L	Y	—	J	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.76	—	—	0.0829	µg/L	Y	—	NQ	2013-1810	CAWA-13-40699	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.29	—	—	0.0879	µg/L	Y	—	NQ	2013-666	CAWA-13-28819	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.8	—	—	0.0842	µg/L	Y	—	NQ	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.75	—	—	0.1	µg/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	09/19/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	35.4	—	—	0.52	µg/L	Y	—	NQ	11-3641	CAWA-11-27147	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.3	—	—	0.1	mg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	98.9	—	—	1	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	95	—	—	1	µg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	115	—	—	1	µg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.79	—	—	0.3	µg/L	Y	J	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	2.56	—	—	0.3	µg/L	Y	—	NQ	2013-666	CAWA-13-28819	GELC
16-26644	130	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.13	—	—	0.3	µg/L	Y	—	NQ	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	2.85	—	—	0.3	µg/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	09/19/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	5.03	—	—	0.3	µg/L	Y	—	NQ	11-3641	CAWA-11-27147	GELC
16-26644	130	09/05/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.68	—	—	0.3	µg/L	Y	J	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	2.13	—	—	0.3	µg/L	Y	—	NQ	2013-666	CAWA-13-28819	GELC
16-26644	130	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.91	—	—	0.3	µg/L	Y	J	J	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	2.13	—	—	0.25	µg/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	09/19/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	4.14	—	—	0.25	µg/L	Y	—	NQ	11-3641	CAWA-11-27147	GELC
16-26644	130	09/05/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.137	—	—	0.0829	µg/L	Y	J	J	2013-1810	CAWA-13-40699	GELC
16-26644	130	03/26/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.32	—	—	0.0879	µg/L	Y	—	NQ	2013-666	CAWA-13-28819	GELC
16-26644	130	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.176	—	—	0.0842	µg/L	Y	J	J	12-1422	CAWA-12-17536	GELC
16-26644	130	01/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.337	—	—	0.1	µg/L	Y	—	NQ	12-585	CAWA-12-1955	GELC
16-26644	130	09/19/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	6.7	—	—	0.1	µg/L	Y	—	NQ	11-3641	CAWA-11-27147	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.952	—	—	0.067	µg/L	Y	—	NQ	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.73	—	—	0.067	µg/L	Y	—	NQ	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.696	—	—	0.067	µg/L	Y	—	NQ	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.838	—	—	0.067	µg/L	Y	—	NQ	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.631	—	—	0.067	µg/L	Y	—	NQ	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.74	—	—	1	µg/L	Y	J	J	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.87	—	—	1	µg/L	Y	J	J	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.97	—	—	1	µg/L	Y	J	J	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.78	—	—	1	µg/L	Y	J	J	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.45	—	—	1	µg/L	Y	J	J	11-3641	CAWA-11-27145	GELC
16-26644	130	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.41	—	—	3.3	µg/L	Y	J	J	2013-1810	CAWA-13-40717	GELC
16-26644	130	03/26/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.61	—	—	3.3	µg/L	Y	J	J	2013-666	CAWA-13-28845	GELC
16-26644	130	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.57	—	—	3.3	µg/L	Y	J	J	12-1422	CAWA-12-17555	GELC
16-26644	130	01/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.3	—	—	3.3	µg/L	Y	J	J	12-585	CAWA-12-1954	GELC
16-26644	130	09/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.7	—	—	3.3	µg/L	Y	J	J	11-3641	CAWA-11-27145	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	J-	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	J-	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	J-	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.2	—	—	0.725	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	—	0.73	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.7	—	—	0.73	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.5	—	—	0.73	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.1	—	—	0.73	mg/L	Y	—	NQ	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0126	0.00665	0.0445	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0132	0.005	0.032	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00381	0.0032	0.044	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00342	0.0045	0.032	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00924	0.00936	0.0486	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.103	—	—	0.0889	µg/L	Y	J	J	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.106	—	—	0.1	µg/L	Y	J	J	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.116	—	—	0.1	µg/L	Y	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	04/02/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.0899	—	—	0.0889	µg/L	Y	J	J	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.107	—	—	0.1	µg/L	Y	J	J	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.148	—	—	0.1	µg/L	Y	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	04/02/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.325	—	—	0.1	µg/L	Y	U	U	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.167	—	—	0.1	µg/L	Y	J	J	10-203	CAWA-09-13682	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	U	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.059	—	—	0.016	mg/L	Y	—	U	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.028	—	—	0.016	mg/L	Y	J	U	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.034	—	—	0.03	mg/L	Y	J	J	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	73.7	—	—	1	µg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	53	—	—	1	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	66.2	—	—	1	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	82.4	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	64.2	—	—	1	µg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	44.8	—	—	15	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.97	—	—	0.05	mg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.1	—	—	0.05	mg/L	Y	—	NQ	10-204	CAWA-09-13683	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	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.31	1.3	4.4	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.718	1.37	4.48	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.08	—	—	0.067	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.6	—	—	0.066	mg/L	Y	—	J+	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.4	—	—	0.066	mg/L	Y	—	J+	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.7	—	—	0.066	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.6	—	—	0.066	mg/L	Y	—	NQ	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.9	1.23	5.94	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.159	1.2	4.1	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.8	1.6	4.7	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.218	1.5	4.7	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.807	1.68	5.41	—	pCi/L	Y	U	U	196148	GU07100P252W01	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.253	—	—	0.033	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.133	—	—	0.033	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.168	—	—	0.033	mg/L	Y	—	NQ	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.17	0.974	2.88	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.631	0.61	2.2	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.00163	0.62	2.8	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.106	0.463	2.17	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	01/30/07	WP	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.15	0.593	1.55	—	pCi/L	Y	U	U	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	35.9	2.05	2.92	—	pCi/L	Y	—	NQ	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.33	0.96	2.1	—	pCi/L	Y	—	NQ	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.5	1.4	3.9	—	pCi/L	Y	—	NQ	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.19	1.05	2.46	—	pCi/L	Y	—	J	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	01/30/07	WP	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.71	0.917	2.65	—	pCi/L	Y	—	J	179921	GU07010P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.4	—	—	0.453	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.7	—	—	0.45	mg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.9	—	—	0.35	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.8	—	—	0.35	mg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.1	—	—	0.35	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.139	—	—	0.0889	µg/L	Y	J	J	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	04/01/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1890	CAWA-11-5386	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.106	—	—	0.1	µg/L	Y	J	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	04/02/10	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.325	—	—	0.1	µg/L	Y	U	U	10-2656	CAWA-10-14938	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.166	—	—	0.1	µg/L	Y	J	J	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	31.9	—	—	30	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	366	—	—	30	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	211	—	—	30	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1420	—	—	30	µg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	60.5	—	—	30	µg/L	Y	J	J	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.26	—	—	0.11	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.21	—	—	0.085	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.32	—	—	0.085	mg/L	Y	E	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.2	—	—	0.085	mg/L	Y	—	NQ	10-204	CAWA-09-13683	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	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	10.2	—	—	2	µg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	6.25	—	—	2	µg/L	Y	J	J	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.6	—	—	0.165	µg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.722	—	—	0.17	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.724	—	—	0.1	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.55	—	—	0.1	µg/L	Y	—	U	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.755	—	—	0.1	µg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.31	2.4	9.03	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.8	2.7	9.2	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-14.9	10	31	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-10.7	6.5	18	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	19.5	11.3	37.7	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.01	—	—	0.5	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.864	—	—	0.5	µg/L	Y	J	J	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.514	—	—	0.5	µg/L	Y	J	J	11-7	CAWA-10-25689	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.24	—	—	0.5	µg/L	Y	J	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.767	—	—	0.5	µg/L	Y	J	J	10-204	CAWA-09-13683	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	—	04/10/09	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	UJ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.061	—	—	0.05	mg/L	Y	J	U	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0139	0.00924	0.0359	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00395	0.0063	0.022	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00187	0.009	0.031	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00348	0.0055	0.025	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00441	0.00825	0.0353	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0139	0.0115	0.0385	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00198	0.0034	0.039	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0053	0.031	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00348	0.0055	0.03	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00881	0.00764	0.0416	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.86	—	—	0.05	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3	—	—	0.05	mg/L	Y	—	J+	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.97	—	—	0.05	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.09	—	—	0.05	mg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.66	—	—	0.05	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.7	17.3	74.2	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	34.8	18	67	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.57	19	60	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.3	18	54	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.43	17.8	59.7	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46.3	—	—	0.053	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	45.8	—	—	0.053	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.9	—	—	0.053	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	41.6	—	—	0.032	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	46	—	—	0.032	mg/L	Y	—	NQ	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	10-204	CAWA-09-13683	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	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.69	1.3	4.7	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.155	1.37	4.52	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	1	µS/cm	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	1	µS/cm	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µS/cm	Y	—	NQ	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	144	—	—	1	µg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	65.1	—	—	1	µg/L	Y	—	NQ	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	90.9	—	—	1	µg/L	Y	—	NQ	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	86.2	—	—	1	µg/L	Y	—	NQ	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	90.8	—	—	1	µg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.231	0.146	0.482	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00789	0.1	0.37	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0388	0.13	0.45	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.154	0.14	0.49	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.143	0.11	0.363	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.66	—	—	0.133	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.43	—	—	0.1	mg/L	Y	—	J+	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.95	—	—	0.1	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.44	—	—	0.1	mg/L	Y	—	J-	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.06	—	—	0.1	mg/L	Y	—	NQ	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	2.4	mg/L	Y	H	J-	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	2.4	mg/L	Y	—	NQ	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	89	—	—	2.4	mg/L	Y	—	NQ	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	2.4	mg/L	Y	—	J	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.156	—	—	0.033	mg/L	Y	—	NQ	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.263	—	—	0.033	mg/L	Y	—	J-	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	04/10/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.029	mg/L	Y	U	U	09-177	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.7	—	—	0.33	mg/L	Y	—	NQ	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.91	—	—	0.33	mg/L	Y	—	NQ	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.32	—	—	0.33	mg/L	Y	—	NQ	10-203	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	04/10/09	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.36	—	—	0.33	mg/L	Y	—	NQ	09-1448	CAWA-09-5511	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.61	—	—	0.33	mg/L	Y	—	NQ	09-177	CAWA-08-15933	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	—	04/10/09	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.094	—	—	0.015	mg/L	Y	—	U	09-1448	CAWA-09-5512	GELC
Between E252 and Water at Beta	—	10/24/08	WS	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.061	—	—	0.024	mg/L	Y	—	U	09-178	CAWA-08-15932	GELC
Between E252 and Water at Beta	—	09/06/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.168	—	—	0.067	µg/L	Y	J	J	2013-1818	CAWA-13-40962	GELC
Between E252 and Water at Beta	—	04/01/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	11-1890	CAWA-11-5388	GELC
Between E252 and Water at Beta	—	09/24/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.05	µg/L	Y	U	U	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.119	—	—	0.05	µg/L	Y	J	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.05	µg/L	Y	U	U	10-204	CAWA-09-13683	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0872	0.0182	0.066	—	pCi/L	Y	—	NQ	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.00438	0.0088	0.043	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0195	0.0077	0.066	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	-0.00484	0.027	0.17	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0125	0.0131	0.0469	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00385	0.00861	0.0409	—	pCi/L	Y	U	U	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00318	0.0032	0.033	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00694	0.007	0.034	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.012	0.019	0.089	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0231	0.0124	0.0363	—	pCi/L	Y	U	U	196148	GU07100P252W01	GELC
Between E252 and Water at Beta	—	09/06/13	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0717	0.0168	0.0531	—	pCi/L	Y	—	J	2013-1818	CAWA-13-40960	GELC
Between E252 and Water at Beta	—	09/24/10	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0231	0.0079	0.026	—	pCi/L	Y	U	U	11-7	CAWA-10-25688	GELC
Between E252 and Water at Beta	—	10/20/09	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0112	0.007	0.041	—	pCi/L	Y	U	U	10-204	CAWA-09-13682	GELC
Between E252 and Water at Beta	—	10/24/08	WS	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0194	0.019	0.09	—	pCi/L	Y	U	U	09-179	CAWA-08-15933	GELC
Between E252 and Water at Beta	—	10/18/07	WP	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0083	0.0131	0.041	—	pCi/L	Y	U	U	196148	GU07100P252W01	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	SW-846:6010B	Vanadium	V	Y	2.74	—	—	1	µg/L	Y	J	J	11-7	CAWA-10-25689	GELC
Between E252 and Water at Beta	—	04/02/10	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.13	—	—	1	µg/L	Y	J	J	10-2657	CAWA-10-14937	GELC
Between E252 and Water at Beta	—	10/20/09	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.74	—	—	1	µg/L	Y	J	J	10-204	CAWA-09-13683	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	482	—	—	68	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	388	—	—	68	µg/L	Y	—	U	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	238	—	—	68	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	210	—	—	68	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	336	—	—	68	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	246	—	—	68	µg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.14	—	—	0.0889	µg/L	Y	J	J	2013-1962	CAWA-13-40700	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.189	—	—	0.0879	µg/L	Y	J	J	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.176	—	—	0.0909	µg/L	Y	J	J	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.206	—	—	0.0941	µg/L	Y	J	J	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.173	—	—	0.1	µg/L	Y	J	J	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.125	—	—	0.1	µg/L	Y	J	J	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	69.6	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	60	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	70.1	—	—	1	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	69	—	—	1	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	72.1	—	—	1	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	78.7	—	—	1	µg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.5	—	—	15	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.2	—	—	15	µg/L	Y	J	J	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.9	—	—	15	µg/L	Y	J	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	28.3	—	—	15	µg/L	Y	J	J	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.9	—	—	15	µg/L	Y	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	23.4	—	—	15	µg/L	Y	J	U	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	19	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.1	—	—	0.05	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20	—	—	0.05	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	1.21	—	—	1	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.8	—	—	0.453	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.5	—	—	0.453	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.9	—	—	0.453	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.7	—	—	0.453	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	71.6	—	—	0.35	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.5	—	—	0.35	mg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.14	—	—	0.0889	µg/L	Y	Q	NQ	2013-1962	CAWA-13-40700	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.35	—	—	0.0879	µg/L	Y	—	NQ	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.24	—	—	0.0909	µg/L	Y	—	NQ	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.72	—	—	0.0941	µg/L	Y	Q	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.58	—	—	0.1	µg/L	Y	—	NQ	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.3	—	—	0.1	µg/L	Y	—	NQ	11-94	CAPA-10-26883	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	216	—	—	30	µg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	120	—	—	30	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	109	—	—	30	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	186	—	—	30	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	154	—	—	30	µg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.15	—	—	0.11	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.46	—	—	0.11	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.63	—	—	0.11	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.52	—	—	0.11	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.26	—	—	0.085	mg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.92	—	—	0.085	mg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.28	—	—	2	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.31	—	—	0.5	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.01	—	—	0.5	µg/L	Y	J	U	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.642	—	—	0.5	µg/L	Y	J	U	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.587	—	—	0.5	µg/L	Y	J	U	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.834	—	—	0.5	µg/L	Y	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.77	—	—	0.5	µg/L	Y	J	J	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.86	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.18	—	—	0.05	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.12	—	—	0.05	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.1	—	—	0.05	mg/L	Y	—	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.12	—	—	0.05	mg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.6	—	—	0.0889	µg/L	Y	—	NQ	2013-1962	CAWA-13-40700	GELC
Bulldog Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.57	—	—	0.0879	µg/L	Y	—	NQ	2013-680	CAWA-13-28820	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.51	—	—	0.0909	µg/L	Y	—	NQ	12-1434	CAPA-12-17594	GELC
Bulldog Spring	—	07/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.27	—	—	0.0941	µg/L	Y	—	NQ	12-1434	CAPA-12-17596	GELC
Bulldog Spring	—	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.88	—	—	0.1	µg/L	Y	—	NQ	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	10/08/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.65	—	—	0.1	µg/L	Y	—	J	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.4	—	—	0.1	mg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.6	—	—	0.1	mg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.8	—	—	0.1	mg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.6	—	—	0.1	mg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22	—	—	0.1	mg/L	Y	—	J+	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	24.5	—	—	0.1	mg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	125	—	—	1	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	122	—	—	1	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	118	—	—	1	µg/L	Y	—	NQ	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	131	—	—	1	µg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.215	—	—	0.067	µg/L	Y	—	NQ	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.302	—	—	0.067	µg/L	Y	—	NQ	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.578	—	—	0.067	µg/L	Y	—	NQ	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.605	—	—	0.067	µg/L	Y	—	NQ	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.322	—	—	0.05	µg/L	Y	—	U	11-95	CAPA-10-26882	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.517	—	—	0.05	µg/L	Y	—	NQ	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.91	—	—	1	µg/L	Y	J	J	2013-1962	CAWA-13-40718	GELC
Bulldog Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.26	—	—	1	µg/L	Y	J	J	2013-680	CAWA-13-28846	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.88	—	—	1	µg/L	Y	J	J	12-1434	CAPA-12-17593	GELC
Bulldog Spring	—	07/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.42	—	—	1	µg/L	Y	J	J	12-1434	CAPA-12-17597	GELC
Bulldog Spring	—	10/08/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.23	—	—	1	µg/L	Y	J	J	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	09/15/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.2	—	—	1	µg/L	Y	J	J	09-3236	CAPA-09-12111	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	326	—	—	68	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	292	—	—	68	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	153	—	—	68	µg/L	Y	J	J	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	209	—	—	1	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	197	—	—	1	µg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	194	—	—	1	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	266	—	—	1	µg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	225	—	—	1	µg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.1	—	—	15	µg/L	Y	J	J	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17	—	—	15	µg/L	Y	J	J	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.2	—	—	15	µg/L	Y	J	J	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.3	—	—	15	µg/L	Y	J	J	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.4	—	—	0.05	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.2	—	—	0.05	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	29	—	—	0.05	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76	—	—	0.453	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.6	—	—	0.453	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.2	—	—	0.453	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	107	—	—	0.45	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.2	—	—	0.45	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	141	—	—	30	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	36.3	—	—	30	µg/L	Y	J	J	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	135	—	—	30	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	64.6	—	—	30	µg/L	Y	J	J	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.07	—	—	0.11	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.12	—	—	0.11	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.07	—	—	0.11	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.51	—	—	0.11	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.73	—	—	0.11	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2	—	—	2	µg/L	Y	J	J	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.47	—	—	2	µg/L	Y	J	J	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.584	—	—	0.165	µg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.757	—	—	0.165	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.69	—	—	0.17	µg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.661	—	—	0.17	µg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.67	—	—	0.5	µg/L	Y	J	J	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.39	—	—	0.5	µg/L	Y	J	U	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.42	—	—	0.5	µg/L	Y	J	U	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.33	—	—	0.5	µg/L	Y	J	J	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.49	—	—	0.5	µg/L	Y	J	J	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.19	—	—	0.05	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.39	—	—	0.05	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.28	—	—	0.05	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.11	—	—	0.05	mg/L	Y	E	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.43	—	—	0.05	mg/L	Y	—	J	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18	—	—	0.226	µg/L	Y	—	NQ	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	03/25/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18.2	—	—	0.46	µg/L	Y	—	NQ	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	07/13/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	16.3	—	—	0.444	µg/L	Y	—	NQ	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	01/10/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	19.7	—	—	0.26	µg/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18.8	—	—	0.1	µg/L	N	—	R	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	21.9	—	—	0.52	µg/L	Y	—	NQ	11-3608	CAWA-11-27048	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.7	—	—	0.1	mg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.8	—	—	0.1	mg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18	—	—	0.1	mg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	127	—	—	1	µg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	145	—	—	1	µg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.79	—	—	0.3	µg/L	Y	—	NQ	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.97	—	—	0.3	µg/L	Y	J	J	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	07/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.64	—	—	0.3	µg/L	Y	—	NQ	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.67	—	—	0.3	µg/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	2.11	—	—	0.3	µg/L	Y	—	NQ	11-3608	CAWA-11-27048	GELC
Burning Ground Spring	—	09/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.91	—	—	0.3	µg/L	Y	—	NQ	2013-1866	CAWA-13-40701	GELC
Burning Ground Spring	—	03/25/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.08	—	—	0.3	µg/L	Y	—	NQ	2013-663	CAWA-13-28821	GELC
Burning Ground Spring	—	07/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.74	—	—	0.3	µg/L	Y	—	NQ	12-1425	CAWA-12-17537	GELC
Burning Ground Spring	—	01/10/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.78	—	—	0.25	µg/L	Y	—	NQ	12-566	CAWA-12-1934	GELC
Burning Ground Spring	—	09/15/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.94	—	—	0.25	µg/L	Y	—	NQ	11-3608	CAWA-11-27048	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.793	—	—	0.067	µg/L	Y	—	NQ	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.631	—	—	0.067	µg/L	Y	—	NQ	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.718	—	—	0.067	µg/L	Y	—	NQ	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.06	—	—	0.067	µg/L	Y	—	NQ	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.827	—	—	0.067	µg/L	Y	—	NQ	11-3609	CAWA-11-27049	GELC
Burning Ground Spring	—	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.29	—	—	1	µg/L	Y	J	J	2013-1866	CAWA-13-40719	GELC
Burning Ground Spring	—	03/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.42	—	—	1	µg/L	Y	J	J	2013-663	CAWA-13-28847	GELC
Burning Ground Spring	—	07/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.91	—	—	1	µg/L	Y	J	J	12-1425	CAWA-12-17556	GELC
Burning Ground Spring	—	01/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.42	—	—	1	µg/L	Y	J	J	12-566	CAWA-12-1933	GELC
Burning Ground Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.78	—	—	1	µg/L	Y	J	J	11-3609	CAWA-11-27049	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	140	—	—	68	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	11-1791	CAWA-11-5391	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.142	—	—	0.0847	µg/L	Y	J	J	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.391	—	—	0.0909	µg/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.302	—	—	0.1	µg/L	Y	J	J	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/25/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1791	CAWA-11-5389	GELC
Canon de Valle below MDA P	—	09/20/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.31	—	—	0.0879	µg/L	Y	—	NQ	2013-2063	CAWA-13-42031	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.265	—	—	0.0847	µg/L	Y	U	U	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.102	—	—	0.0909	µg/L	Y	J	J	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.204	—	—	0.1	µg/L	Y	J	J	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/25/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1791	CAWA-11-5389	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2440	—	—	1	µg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3020	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3130	—	—	1	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	5510	—	—	1	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2000	—	—	1	µg/L	Y	—	NQ	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	47.4	—	—	15	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	67.2	—	—	15	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	51.4	—	—	15	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.4	—	—	0.05	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.4	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	50.8	—	—	0.05	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	53.1	—	—	0.05	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	1.82	—	—	1	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	6.2	—	—	1	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	92.6	—	—	0.453	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.6	—	—	0.453	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	165	—	—	0.453	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	179	—	—	0.45	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.1	—	—	0.45	mg/L	Y	—	NQ	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	48.9	—	—	2.2	µg/L	Y	—	NQ	2013-2063	CAWA-13-42031	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.22	—	—	0.0847	µg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.7	—	—	0.0909	µg/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.77	—	—	0.1	µg/L	Y	—	NQ	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/25/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.91	—	—	0.1	µg/L	Y	—	NQ	11-1791	CAWA-11-5389	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	209	—	—	30	µg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	31.3	—	—	30	µg/L	Y	J	J	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	30.4	—	—	30	µg/L	Y	J	J	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	52.5	—	—	30	µg/L	Y	J	J	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	97.9	—	—	30	µg/L	Y	J	U	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.47	—	—	0.11	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.51	—	—	0.11	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	9.37	—	—	0.11	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.3	—	—	0.11	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.71	—	—	0.11	mg/L	Y	—	NQ	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	113	—	—	2	µg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	161	—	—	2	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2570	—	—	2	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	31.7	—	—	2	µg/L	Y	—	NQ	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.165	µg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.165	µg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.6	—	—	0.165	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.82	—	—	0.17	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.711	—	—	0.17	µg/L	Y	—	NQ	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.97	—	—	0.5	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.41	—	—	0.5	µg/L	Y	J	U	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.46	—	—	0.5	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.29	—	—	0.5	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.11	—	—	0.5	µg/L	Y	J	J	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.95	—	—	0.05	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.12	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	7.4	—	—	0.05	mg/L	Y	E	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.52	—	—	0.05	mg/L	Y	—	NQ	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	41.2	—	—	2.2	µg/L	Y	—	NQ	2013-2063	CAWA-13-42031	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.63	—	—	0.0847	µg/L	Y	—	NQ	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	9.3	—	—	0.0909	µg/L	Y	—	NQ	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	7.21	—	—	0.1	µg/L	Y	—	NQ	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/25/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	7.88	—	—	0.1	µg/L	Y	—	NQ	11-1791	CAWA-11-5389	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.8	—	—	0.1	mg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.7	—	—	0.1	mg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	193	—	—	1	µg/L	Y	—	NQ	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	186	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	338	—	—	1	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	415	—	—	1	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	125	—	—	1	µg/L	Y	—	NQ	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	Y	0.119	—	—	0.0879	µg/L	Y	J	J	2013-2063	CAWA-13-42031	GELC
Canon de Valle below MDA P	—	03/28/13	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	N	0.265	—	—	0.0847	µg/L	Y	U	U	2013-682	CAWA-13-28822	GELC
Canon de Valle below MDA P	—	07/13/12	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	N	0.284	—	—	0.0909	µg/L	Y	U	U	12-1425	CAWA-12-17538	GELC
Canon de Valle below MDA P	—	09/16/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	N	0.325	—	—	0.1	µg/L	Y	U	U	11-3632	CAWA-11-27044	GELC
Canon de Valle below MDA P	—	03/25/11	WS	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1791	CAWA-11-5389	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.147	—	—	0.067	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.22	—	—	0.067	µg/L	Y	—	NQ	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.32	—	—	0.067	µg/L	Y	—	NQ	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.01	—	—	0.067	µg/L	Y	—	NQ	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.118	—	—	0.067	µg/L	Y	J	J	11-1791	CAWA-11-5391	GELC
Canon de Valle below MDA P	—	09/20/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.38	—	—	1	µg/L	Y	J	J	2013-2063	CAWA-13-42032	GELC
Canon de Valle below MDA P	—	03/28/13	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.07	—	—	1	µg/L	Y	J	J	2013-682	CAWA-13-28848	GELC
Canon de Valle below MDA P	—	07/13/12	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.72	—	—	1	µg/L	Y	J	J	12-1425	CAWA-12-17557	GELC
Canon de Valle below MDA P	—	09/16/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	11-3633	CAWA-11-27045	GELC
Canon de Valle below MDA P	—	03/25/11	WS	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	11-1791	CAWA-11-5391	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	4740	—	—	1	µg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	4510	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	4390	—	—	1	µg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3870	—	—	1	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2680	—	—	1	µg/L	Y	—	NQ	11-1987	CAWA-11-5430	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.4	—	—	15	µg/L	Y	J	J	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.9	—	—	15	µg/L	Y	J	J	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	32.6	—	—	0.05	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28.3	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28.8	—	—	0.05	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	26.5	—	—	0.05	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.8	—	—	0.05	mg/L	Y	—	J-	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	115	—	—	0.453	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	100	—	—	0.453	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	104	—	—	0.453	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	95.6	—	—	0.45	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.8	—	—	0.45	mg/L	Y	—	NQ	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	36.8	—	—	30	µg/L	Y	J	J	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	72.5	—	—	30	µg/L	Y	J	J	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	157	—	—	30	µg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	134	—	—	30	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	537	—	—	30	µg/L	Y	—	NQ	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.28	—	—	0.11	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.24	—	—	0.11	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.78	—	—	0.11	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.14	—	—	0.11	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.07	—	—	0.11	mg/L	Y	—	NQ	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.93	—	—	0.165	µg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.5	—	—	0.165	µg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.64	—	—	0.165	µg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.17	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.584	—	—	0.17	µg/L	Y	—	U	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.48	—	—	0.5	µg/L	Y	J	J	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.32	—	—	0.5	µg/L	Y	J	U	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.32	—	—	0.5	µg/L	Y	J	J	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.785	—	—	0.5	µg/L	Y	J	J	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.5	µg/L	Y	J	J	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.16	—	—	0.05	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.09	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.63	—	—	0.05	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.55	—	—	0.05	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.68	—	—	0.05	mg/L	Y	—	NQ	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.1	—	—	0.1	mg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.5	—	—	0.1	mg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.2	—	—	0.1	mg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.6	—	—	0.1	mg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	248	—	—	1	µg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	220	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	224	—	—	1	µg/L	Y	—	NQ	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	201	—	—	1	µg/L	Y	—	NQ	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	115	—	—	1	µg/L	Y	—	NQ	11-1987	CAWA-11-5430	GELC
CDV-16-02656	3	09/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.255	—	—	0.067	µg/L	Y	—	NQ	2013-1816	CAWA-13-40721	GELC
CDV-16-02656	3	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.231	—	—	0.067	µg/L	Y	—	NQ	2013-682	CAWA-13-28849	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02656	3	07/25/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.187	—	—	0.067	µg/L	Y	J	J	12-1453	CAWA-12-17558	GELC
CDV-16-02656	3	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.125	—	—	0.067	µg/L	Y	J	J	12-634	CAWA-12-1937	GELC
CDV-16-02656	3	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	11-1987	CAWA-11-5430	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	89.2	—	—	68	µg/L	Y	J	J	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	110	—	—	68	µg/L	Y	J	J	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	73.6	—	—	68	µg/L	Y	J	J	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	4.15	—	—	0.087	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.51	—	—	0.0941	µg/L	Y	—	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.63	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17540	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.41	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.43	—	—	0.1	µg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	3.8	—	—	0.1	µg/L	Y	—	NQ	11-3632	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.68	—	—	0.087	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.15	—	—	0.0941	µg/L	Y	Q	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.25	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17540	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.14	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.09	—	—	0.1	µg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	3.08	—	—	0.1	µg/L	Y	—	NQ	11-3632	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	7440	—	—	1	µg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	6730	—	—	1	µg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9120	—	—	1	µg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	8900	—	—	1	µg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8980	—	—	1	µg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	13600	—	—	1	µg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	68.7	—	—	15	µg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	33.2	—	—	15	µg/L	Y	J	J	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	57.6	—	—	15	µg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	55.4	—	—	15	µg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	35.3	—	—	15	µg/L	Y	J	J	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	61.3	—	—	15	µg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	30.6	—	—	0.05	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	29	—	—	0.05	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	36	—	—	0.05	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	35.2	—	—	0.05	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	37.6	—	—	0.05	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	53.3	—	—	0.05	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	3.22	—	—	1	µg/L	Y	J	J	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	5.38	—	—	1	µg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	7.71	—	—	1	µg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	111	—	—	0.453	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	106	—	—	0.453	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	132	—	—	0.453	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	129	—	—	0.453	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	136	—	—	0.45	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	192	—	—	0.45	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.73	—	—	0.0941	µg/L	Y	Q	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	12	—	—	0.193	µg/L	Y	—	NQ	12-1445	CAWA-12-17540	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	13.4	—	—	0.193	µg/L	Y	—	NQ	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	6.72	—	—	0.1	µg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	17	—	—	0.26	µg/L	Y	—	NQ	11-3632	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	103	—	—	30	µg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	31.5	—	—	30	µg/L	Y	J	J	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.33	—	—	0.11	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	8.12	—	—	0.11	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	10.2	—	—	0.11	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	9.99	—	—	0.11	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	10.3	—	—	0.11	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.4	—	—	0.11	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.33	—	—	0.165	µg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.165	µg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.165	µg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.165	µg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.17	µg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.74	—	—	0.17	µg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.63	—	—	0.5	µg/L	Y	J	J	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.32	—	—	0.5	µg/L	Y	J	U	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.938	—	—	0.5	µg/L	Y	J	J	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.933	—	—	0.5	µg/L	Y	J	J	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.992	—	—	0.5	µg/L	Y	J	J	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.71	—	—	0.5	µg/L	Y	J	J	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.01	—	—	0.05	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.98	—	—	0.05	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.13	—	—	0.05	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	5.03	—	—	0.05	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.65	—	—	0.05	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	6.25	—	—	0.05	mg/L	Y	E	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	15.1	—	—	2.17	µg/L	Y	—	NQ	2013-2063	CAWA-13-42025	GELC
CDV-16-02659	1.7	03/16/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.79	—	—	0.0941	µg/L	Y	—	NQ	2013-641	CAWA-13-28824	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	8.49	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17540	GELC
CDV-16-02659	1.7	07/23/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	8.46	—	—	0.0964	µg/L	Y	—	NQ	12-1445	CAWA-12-17511	GELC
CDV-16-02659	1.7	01/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.63	—	—	0.1	µg/L	Y	—	NQ	12-621	CAWA-12-1939	GELC
CDV-16-02659	1.7	09/16/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	10.5	—	—	0.1	µg/L	Y	—	NQ	11-3632	CAWA-11-27072	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.8	—	—	0.1	mg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.2	—	—	0.1	mg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.5	—	—	0.1	mg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.2	—	—	0.1	mg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.4	—	—	0.1	mg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	24.8	—	—	0.1	mg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	251	—	—	1	µg/L	Y	—	NQ	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	231	—	—	1	µg/L	Y	—	NQ	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	303	—	—	1	µg/L	Y	—	NQ	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	297	—	—	1	µg/L	Y	—	NQ	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	298	—	—	1	µg/L	Y	—	NQ	12-621	CAWA-12-1940	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	435	—	—	1	µg/L	Y	—	NQ	11-3633	CAWA-11-27071	GELC
CDV-16-02659	1.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.92	—	—	1	µg/L	Y	J	J	2013-2063	CAWA-13-42027	GELC
CDV-16-02659	1.7	03/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2013-641	CAWA-13-28850	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.58	—	—	1	µg/L	Y	J	J	12-1445	CAWA-12-17559	GELC
CDV-16-02659	1.7	07/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.01	—	—	1	µg/L	Y	J	J	12-1445	CAWA-12-17514	GELC
CDV-16-02659	1.7	01/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-621	CAWA-12-1940	GELC
CDV-16-02659	1.7	09/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	1.54	—	—	1	µg/L	Y	J	U	11-3633	CAWA-11-27071	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.228	—	—	0.0851	µg/L	Y	J	J	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.22	—	—	0.0874	µg/L	Y	J	J	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.191	—	—	0.0899	µg/L	Y	J	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.214	—	—	0.1	µg/L	Y	J	J	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.215	—	—	0.1	µg/L	Y	J	J	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.114	—	—	0.0851	µg/L	Y	J	J	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.109	—	—	0.0874	µg/L	Y	J	J	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.104	—	—	0.0899	µg/L	Y	J	J	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.146	—	—	0.1	µg/L	Y	J	J	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.325	—	—	0.1	µg/L	Y	U	U	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.3	—	—	1	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.5	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.3	—	—	1	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.6	—	—	1	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16	—	—	1	µg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	64.7	—	—	15	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	63.4	—	—	15	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	62.7	—	—	15	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	64.5	—	—	15	µg/L	Y	—	J+	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	57.5	—	—	15	µg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	N	J-	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	5.77	—	—	3	µg/L	Y	J	J	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	7.71	—	—	3	µg/L	Y	J	J	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	9.56	—	—	3	µg/L	Y	J	U	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	10.1	—	—	3	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	8.59	—	—	3	µg/L	Y	J	J	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.8	—	—	0.453	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.5	—	—	0.453	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.9	—	—	0.453	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.4	—	—	0.45	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.6	—	—	0.45	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.56	—	—	0.0851	µg/L	Y	—	NQ	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.46	—	—	0.0874	µg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.35	—	—	0.0899	µg/L	Y	—	NQ	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.57	—	—	0.1	µg/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.34	—	—	0.1	µg/L	Y	—	NQ	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.64	—	—	0.11	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.68	—	—	0.11	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.72	—	—	0.11	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.73	—	—	0.11	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.52	—	—	0.11	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.37	—	—	2	µg/L	Y	J	J	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.48	—	—	2	µg/L	Y	J	J	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.71	—	—	2	µg/L	Y	J	J	11-1984	CAWA-11-5327	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	03/28/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.35	—	—	0.3	µg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.48	—	—	0.3	µg/L	Y	—	NQ	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.64	—	—	0.25	µg/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	DL	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.4	—	—	0.5	µg/L	N	J	J	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.44	—	—	0.25	µg/L	Y	—	NQ	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.81	—	—	0.5	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.23	—	—	0.5	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.91	—	—	0.5	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.82	—	—	0.5	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12.2	—	—	0.5	µg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.34	—	—	0.05	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.48	—	—	0.05	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.33	—	—	0.05	mg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.44	—	—	0.05	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	22.2	—	—	0.426	µg/L	Y	—	NQ	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	27.9	—	—	0.437	µg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	29.7	—	—	0.449	µg/L	Y	—	NQ	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	29.2	—	—	0.52	µg/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	24.4	—	—	0.52	µg/L	Y	—	J+	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	J	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.8	—	—	1	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	95.1	—	—	1	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.5	—	—	1	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	92.4	—	—	1	µg/L	Y	—	J	11-1984	CAWA-11-5327	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	03/28/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.3	—	—	0.3	µg/L	Y	—	NQ	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.44	—	—	0.3	µg/L	Y	—	NQ	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.5	—	—	0.3	µg/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	DL	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.46	—	—	0.6	µg/L	N	J	J	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.24	—	—	0.3	µg/L	Y	—	NQ	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	09/11/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.45	—	—	0.3	µg/L	Y	J	J	2013-1863	CAWA-13-40705	GELC
CdV-16-1(i)	624	03/28/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	U	U	2013-682	CAWA-13-28825	GELC
CdV-16-1(i)	624	07/11/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	U	U	12-1419	CAWA-12-17541	GELC
CdV-16-1(i)	624	09/22/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	49.1	—	—	0.25	µg/L	Y	—	NQ	11-3708	CAWA-11-27954	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	DL	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	119	—	—	0.5	µg/L	Y	—	NQ	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	04/08/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	100	—	—	0.25	µg/L	N	E	R	11-1984	CAWA-11-5326	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.418	—	—	0.067	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.458	—	—	0.067	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.547	—	—	0.067	µg/L	Y	—	NQ	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.6	—	—	0.067	µg/L	Y	—	J	11-3708	CAWA-11-27955	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.449	—	—	0.067	µg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.59	—	—	1	µg/L	Y	J	J	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.74	—	—	1	µg/L	Y	J	J	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.82	—	—	1	µg/L	Y	J	J	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.88	—	—	1	µg/L	Y	J	J	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.62	—	—	1	µg/L	Y	J	J	11-1984	CAWA-11-5327	GELC
CdV-16-1(i)	624	09/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	44.2	—	—	3.3	µg/L	Y	—	NQ	2013-1863	CAWA-13-40723	GELC
CdV-16-1(i)	624	03/28/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	11.5	—	—	3.3	µg/L	Y	—	NQ	2013-682	CAWA-13-28851	GELC
CdV-16-1(i)	624	07/11/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.92	—	—	3.3	µg/L	Y	J	J	12-1419	CAWA-12-17560	GELC
CdV-16-1(i)	624	09/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	26.2	—	—	3.3	µg/L	Y	—	NQ	11-3708	CAWA-11-27955	GELC
CdV-16-1(i)	624	04/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	31.4	—	—	3.3	µg/L	Y	—	NQ	11-1984	CAWA-11-5327	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.117	—	—	0.0842	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.26	—	—	0.0833	µg/L	Y	U	U	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.267	—	—	0.0856	µg/L	Y	U	U	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.287	—	—	0.092	µg/L	Y	U	U	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	11-3443	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	11-3443	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.45	—	—	1	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	1.95	—	—	1	µg/L	Y	J	J	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.01	—	—	1	µg/L	Y	J	J	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.66	—	—	1	µg/L	Y	J	J	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.46	—	—	1	µg/L	Y	J	J	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.49	—	—	1	µg/L	Y	J	J	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.92	—	—	1	µg/L	Y	J	J	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.76	—	—	1	µg/L	Y	J	J	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.1	—	—	15	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.2	—	—	15	µg/L	Y	J	J	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	24.5	—	—	15	µg/L	Y	J	J	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.9	—	—	15	µg/L	Y	J	J	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.8	—	—	15	µg/L	Y	J	J	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	23.9	—	—	15	µg/L	Y	J	J	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.7	—	—	15	µg/L	Y	J	J	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	16.9	—	—	15	µg/L	Y	J	J	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.84	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10	—	—	0.05	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	3.14	—	—	3	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	Y	3.13	—	—	3	µg/L	Y	J	J	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	3.63	—	—	3	µg/L	Y	J	J	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	Y	4.22	—	—	3	µg/L	Y	J	J	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.7	—	—	0.453	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.8	—	—	0.453	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	—	0.453	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.5	—	—	0.453	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.1	—	—	0.45	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35	—	—	0.45	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.6	—	—	0.45	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.1	—	—	0.45	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.535	—	—	0.0842	µg/L	Y	—	NQ	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.604	—	—	0.0833	µg/L	Y	—	NQ	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.542	—	—	0.0856	µg/L	Y	—	NQ	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.472	—	—	0.092	µg/L	Y	—	NQ	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.509	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.526	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.36	—	—	0.1	µg/L	Y	—	NQ	11-3443	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.342	—	—	0.1	µg/L	Y	—	NQ	11-3443	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.67	—	—	0.11	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.84	—	—	0.11	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.89	—	—	0.11	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.69	—	—	0.11	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.61	—	—	0.11	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.53	—	—	0.11	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.55	—	—	0.11	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.58	—	—	0.11	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.61	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.64	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.61	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.49	—	—	0.3	µg/L	Y	J	J	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.4	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.41	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.45	—	—	0.25	µg/L	Y	J	J	11-3443	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.38	—	—	0.25	µg/L	Y	J	J	11-3443	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.165	µg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.26	—	—	0.165	µg/L	Y	—	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.16	—	—	0.165	µg/L	Y	—	U	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.957	—	—	0.165	µg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.938	—	—	0.17	µg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.965	—	—	0.17	µg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.38	—	—	0.17	µg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.17	µg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.8	—	—	0.5	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.13	—	—	0.5	µg/L	Y	J	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	1.48	—	—	0.5	µg/L	Y	J	U	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.647	—	—	0.5	µg/L	Y	J	U	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.631	—	—	0.5	µg/L	Y	J	U	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.767	—	—	0.5	µg/L	Y	J	U	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.348	—	—	0.05	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.403	—	—	0.05	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.378	—	—	0.05	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.332	—	—	0.05	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.543	—	—	0.05	mg/L	Y	—	J	12-612	CAWA-12-1960	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.494	—	—	0.05	mg/L	Y	—	J	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.308	—	—	0.05	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	N	0.253	—	—	0.05	mg/L	Y	—	U	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	94.5	—	—	2.11	µg/L	Y	—	NQ	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	91.9	—	—	1.67	µg/L	Y	—	NQ	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	90.7	—	—	1.71	µg/L	Y	—	NQ	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	76.9	—	—	1.15	µg/L	Y	—	NQ	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	80.3	—	—	1	µg/L	Y	—	NQ	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	82.3	—	—	1	µg/L	Y	—	NQ	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	81.8	—	—	1	µg/L	Y	—	NQ	11-3443	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	81.2	—	—	1	µg/L	Y	—	NQ	11-3443	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.8	—	—	1	µg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66.5	—	—	1	µg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.4	—	—	1	µg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	64.4	—	—	1	µg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.6	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	61.1	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.3	—	—	1	µg/L	Y	—	NQ	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	64.5	—	—	1	µg/L	Y	—	NQ	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.92	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.67	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.8	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.53	—	—	0.3	µg/L	Y	J	J	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.59	—	—	0.3	µg/L	Y	J	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.57	—	—	0.3	µg/L	Y	J	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.51	—	—	0.3	µg/L	Y	J	J	11-3443	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.43	—	—	0.3	µg/L	Y	J	J	11-3443	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.85	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.81	—	—	0.3	µg/L	Y	—	NQ	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.63	—	—	0.3	µg/L	Y	—	NQ	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	1.01	—	—	0.3	µg/L	Y	—	NQ	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	2.32	—	—	0.25	µg/L	Y	—	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	Y	2.16	—	—	0.25	µg/L	Y	—	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.4	—	—	0.25	µg/L	Y	J	J	11-3443	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.36	—	—	0.25	µg/L	Y	J	J	11-3443	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.57	—	—	0.3	µg/L	Y	J	J	2013-1801	CAWA-13-40706	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.45	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28826	GELC
CdV-16-2(i)r	850	03/14/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.39	—	—	0.3	µg/L	Y	J	J	2013-629	CAWA-13-28787	GELC
CdV-16-2(i)r	850	07/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.44	—	—	0.3	µg/L	Y	J	J	12-1422	CAWA-12-17542	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.38	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-1961	GELC
CdV-16-2(i)r	850	01/18/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.35	—	—	0.25	µg/L	Y	J	J	12-611	CAWA-12-1962	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.25	—	—	0.25	µg/L	Y	J	J	11-3443	CAWA-11-27101	GELC
CdV-16-2(i)r	850	09/06/11	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	1	—	—	0.25	µg/L	Y	U	U	11-3443	CAWA-11-27104	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.305	—	—	0.067	µg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.302	—	—	0.067	µg/L	Y	—	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	N	0.29	—	—	0.067	µg/L	Y	—	U	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.27	—	—	0.067	µg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.283	—	—	0.067	µg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.28	—	—	0.067	µg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.358	—	—	0.067	µg/L	Y	—	U	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	N	0.359	—	—	0.067	µg/L	Y	—	U	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.01	—	—	1	µg/L	Y	J	J	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.31	—	—	1	µg/L	Y	J	J	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.9	—	—	1	µg/L	Y	J	J	11-3444	CAWA-11-27103	GELC
CdV-16-2(i)r	850	09/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	17.8	—	—	3.3	µg/L	Y	—	NQ	2013-1801	CAWA-13-40724	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16	—	—	3.3	µg/L	Y	—	NQ	2013-629	CAWA-13-28852	GELC
CdV-16-2(i)r	850	03/14/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16.8	—	—	3.3	µg/L	Y	—	NQ	2013-629	CAWA-13-28790	GELC
CdV-16-2(i)r	850	07/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16.9	—	—	3.3	µg/L	Y	—	NQ	12-1422	CAWA-12-17561	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.3	—	—	3.3	µg/L	Y	—	NQ	12-612	CAWA-12-1960	GELC
CdV-16-2(i)r	850	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.1	—	—	3.3	µg/L	Y	—	NQ	12-612	CAWA-12-1963	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	9.19	—	—	3.3	µg/L	Y	J	J	11-3444	CAWA-11-27100	GELC
CdV-16-2(i)r	850	09/06/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	9.43	—	—	3.3	µg/L	Y	J	J	11-3444	CAWA-11-27103	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	68.7	—	—	3	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	67.1	—	—	3	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.1	—	—	0.725	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.8	—	—	0.725	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.4	—	—	0.725	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.9	—	—	0.725	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.8	—	—	0.725	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2	—	—	0.0909	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.28	—	—	0.092	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.67	—	—	0.0816	µg/L	Y	—	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.59	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.6	—	—	0.0856	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.52	—	—	0.0879	µg/L	Y	—	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.03	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	3.31	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	N	3.74	—	—	1	µg/L	Y	J	U	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	2.34	—	—	1	µg/L	Y	J	J	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	6.29	—	—	1	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	8.07	—	—	1	µg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	65.5	—	—	15	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	67.7	—	—	15	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	74.2	—	—	15	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	75.6	—	—	15	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	69.3	—	—	15	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	81	—	—	15	µg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10	—	—	0.05	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.58	—	—	0.067	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.59	—	—	0.067	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.7	—	—	0.067	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.46	—	—	0.067	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.27	—	—	0.067	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.45	—	—	0.067	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0856	—	—	0.033	mg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.117	—	—	0.033	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.3	—	—	0.453	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.2	—	—	0.453	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.4	—	—	0.453	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.5	—	—	0.453	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.59	—	—	0.0909	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	7.4	—	—	0.092	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.63	—	—	0.0816	µg/L	Y	—	NQ	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	9.01	—	—	0.0851	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	8.87	—	—	0.0856	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.3	—	—	0.0879	µg/L	Y	Q	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.01	—	—	0.11	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.31	—	—	0.11	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.35	—	—	0.11	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.43	—	—	0.11	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.57	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.52	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.59	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.8	—	—	0.3	µg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.67	—	—	0.3	µg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.63	—	—	0.3	µg/L	Y	J	J	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1	—	—	0.5	µg/L	Y	J	J	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.21	—	—	0.5	µg/L	Y	J	J	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	2013-956	CAWA-13-33603	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.56	—	—	0.5	µg/L	Y	J	U	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.796	—	—	0.5	µg/L	Y	J	J	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.833	—	—	0.017	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.842	—	—	0.017	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.867	—	—	0.017	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.824	—	—	0.017	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.842	—	—	0.017	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.79	—	—	0.085	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.378	—	—	0.05	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.353	—	—	0.05	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.373	—	—	0.05	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.361	—	—	0.05	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	—	0.05	µg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.877	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.932	—	—	0.05	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.04	—	—	0.05	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.1	—	—	0.05	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.923	—	—	0.05	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.947	—	—	0.05	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	134	—	—	4.55	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	162	—	—	4.6	µg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	122	—	—	2.04	µg/L	Y	Q	J+	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	164	—	—	2.13	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	122	—	—	4.28	µg/L	Y	—	NQ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	124	—	—	4.4	µg/L	Y	—	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.5	—	—	0.053	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.8	—	—	0.053	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.1	—	—	0.053	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	J-	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.77	—	—	0.1	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µS/cm	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.5	—	—	1	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.6	—	—	1	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.2	—	—	1	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.6	—	—	1	µg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	71.9	—	—	1	µg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.77	—	—	0.133	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.73	—	—	0.133	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.71	—	—	0.133	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.47	—	—	0.133	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	—	0.133	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.12	—	—	0.3	µg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.98	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.93	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.1	—	—	0.3	µg/L	Y	—	NQ	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.77	—	—	0.3	µg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.77	—	—	0.3	µg/L	Y	J	J	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.208	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0463	—	—	0.033	mg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.914	—	—	0.33	mg/L	Y	J	J	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.897	—	—	0.33	mg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.924	—	—	0.33	mg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.969	—	—	0.33	mg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.606	—	—	0.33	mg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.11	—	—	0.33	mg/L	Y	—	NQ	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.79	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40707	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.69	—	—	0.3	µg/L	Y	J	J	2013-2068	CAWA-13-40671	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.77	—	—	0.3	µg/L	Y	J	J	2013-956	CAWA-13-33602	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.71	—	—	0.3	µg/L	Y	J	J	2013-628	CAWA-13-28827	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.69	—	—	0.3	µg/L	Y	J	J	2013-417	CAWA-13-24552	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.65	—	—	0.3	µg/L	Y	J	J	12-1439	CAWA-12-17543	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.381	—	—	0.067	µg/L	Y	—	NQ	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.396	—	—	0.067	µg/L	Y	—	NQ	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.485	—	—	0.067	µg/L	Y	—	NQ	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.512	—	—	0.067	µg/L	Y	—	NQ	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.705	—	—	0.067	µg/L	Y	—	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.534	—	—	0.067	µg/L	Y	—	NQ	12-1439	CAWA-12-17562	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.45	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40725	GELC
CDV-16-4ip S1	815.6	09/19/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.43	—	—	1	µg/L	Y	J	J	2013-2068	CAWA-13-40674	GELC
CDV-16-4ip S1	815.6	06/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.94	—	—	1	µg/L	Y	J	J	2013-956	CAWA-13-33603	GELC
CDV-16-4ip S1	815.6	03/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.35	—	—	1	µg/L	Y	J	J	2013-628	CAWA-13-28853	GELC
CDV-16-4ip S1	815.6	12/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.39	—	—	1	µg/L	Y	J	J	2013-417	CAWA-13-24553	GELC
CDV-16-4ip S1	815.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.06	—	—	1	µg/L	Y	J	J	12-1439	CAWA-12-17562	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	J-	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-2313	CAWA-11-7026	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	J-	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.05	—	—	0.725	mg/L	Y	H	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	—	0.725	mg/L	Y	H	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.9	—	—	0.73	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.9	—	—	0.73	mg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56	—	—	0.73	mg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.6	—	—	1	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	31.4	—	—	1	µg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.9	—	—	1	µg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.6	—	—	1	µg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.76	—	—	0.05	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.5	—	—	0.05	mg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.42	—	—	0.05	mg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.25	—	—	0.05	mg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.5	—	—	0.05	mg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.67	—	—	0.067	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.59	—	—	0.066	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.63	—	—	0.066	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.066	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.49	—	—	0.066	mg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.47	—	—	0.066	mg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.48	—	—	0.066	mg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.49	—	—	0.066	mg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.17	—	—	2	µg/L	Y	J	J	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.68	—	—	2	µg/L	Y	J	J	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	—	0.033	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.128	—	—	0.033	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0832	—	—	0.033	mg/L	Y	J	J	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0793	—	—	0.033	mg/L	Y	J	J	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0789	—	—	0.033	mg/L	Y	J	J	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.08	—	—	0.033	mg/L	Y	J	J	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.6	—	—	0.45	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.9	—	—	0.45	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.7	—	—	0.45	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.8	—	—	0.45	mg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.5	—	—	0.45	mg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.4	—	—	0.45	mg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.8	—	—	0.45	mg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.22	—	—	0.11	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.08	—	—	0.11	mg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.09	—	—	0.11	mg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.17	—	—	0.11	mg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.14	—	—	0.11	mg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.905	—	—	0.5	µg/L	Y	J	J	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.55	—	—	0.5	µg/L	Y	J	J	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.571	—	—	0.5	µg/L	Y	J	J	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.667	—	—	0.5	µg/L	Y	J	J	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.546	—	—	0.5	µg/L	Y	J	J	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.29	—	—	0.017	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.296	—	—	0.05	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.251	—	—	0.1	mg/L	Y	J	J-	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.26	—	—	0.1	mg/L	Y	J	J-	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.266	—	—	0.05	mg/L	Y	—	J-	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.288	—	—	0.05	mg/L	Y	—	J-	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.308	—	—	0.05	mg/L	Y	—	J-	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.287	—	—	0.05	mg/L	Y	—	J-	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.274	—	—	0.05	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.26	—	—	0.05	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.249	—	—	0.05	µg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.259	—	—	0.05	µg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.269	—	—	0.05	µg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.251	—	—	0.05	µg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.276	—	—	0.05	µg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	J	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	J	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.27	—	—	0.05	mg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	0.0968	—	—	0.086	µg/L	Y	J	J	2013-2069	CAWA-13-41328	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2396	CAWA-11-7364	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2355	CAWA-11-7326	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2355	CAWA-11-7265	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2312	CAWA-11-6855	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2312	CAWA-11-6969	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2312	CAWA-11-7028	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-2312	CAWA-11-6916	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.9	—	—	0.053	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.9	—	—	0.053	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.5	—	—	0.053	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.1	—	—	0.053	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.8	—	—	0.053	mg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58	—	—	0.053	mg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.4	—	—	0.053	mg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59	—	—	0.053	mg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.43	—	—	0.1	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.36	—	—	0.1	mg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.6	—	—	0.1	mg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.5	—	—	0.1	mg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.34	—	—	0.1	mg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µS/cm	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56.3	—	—	1	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.4	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	55.3	—	—	1	µg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	49.9	—	—	1	µg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.7	—	—	1	µg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	85.5	—	—	1	µg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.1	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.06	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	—	0.1	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.85	—	—	0.1	mg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.84	—	—	0.1	mg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.93	—	—	0.1	mg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.83	—	—	0.1	mg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	2.4	mg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	2.4	mg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	112	—	—	2.4	mg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	2.4	mg/L	Y	—	J	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	2.4	mg/L	Y	—	J	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	138	—	—	2.4	mg/L	Y	—	J	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	2.4	mg/L	Y	—	J	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.167	—	—	0.033	mg/L	Y	—	NQ	2013-2069	CAWA-13-41328	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.18	mg/L	Y	U	UJ	11-2396	CAWA-11-7364	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	U	11-2355	CAWA-11-7326	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	U	11-2355	CAWA-11-7265	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.091	—	—	0.035	mg/L	Y	J	J+	11-2312	CAWA-11-6855	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0631	—	—	0.035	mg/L	Y	J	J+	11-2312	CAWA-11-6916	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0493	—	—	0.035	mg/L	Y	J	J+	11-2312	CAWA-11-6969	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	11-2312	CAWA-11-7028	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.68	—	—	0.33	mg/L	Y	J	J	2013-2069	CAWA-13-41328	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.405	—	—	0.33	mg/L	Y	J	J	11-2396	CAWA-11-7364	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	11-2355	CAWA-11-7326	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.714	—	—	0.33	mg/L	Y	J	J	11-2355	CAWA-11-7265	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.525	—	—	0.33	mg/L	Y	J	J	11-2312	CAWA-11-7028	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.775	—	—	0.33	mg/L	Y	J	J	11-2312	CAWA-11-6855	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.606	—	—	0.33	mg/L	Y	J	J	11-2312	CAWA-11-6916	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.543	—	—	0.33	mg/L	Y	J	J	11-2312	CAWA-11-6969	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.527	—	—	0.067	µg/L	Y	—	NQ	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.507	—	—	0.067	µg/L	Y	—	NQ	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.508	—	—	0.067	µg/L	Y	—	NQ	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.501	—	—	0.067	µg/L	Y	—	NQ	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.481	—	—	0.067	µg/L	Y	—	NQ	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.501	—	—	0.067	µg/L	Y	—	NQ	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.501	—	—	0.067	µg/L	Y	—	NQ	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.495	—	—	0.067	µg/L	Y	—	NQ	11-2313	CAWA-11-6913	GELC
CdV-R-15-3 S4	1235.1	09/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.86	—	—	1	µg/L	Y	J	J	2013-2069	CAWA-13-41330	GELC
CdV-R-15-3 S4	1235.1	05/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.43	—	—	1	µg/L	Y	J	J	11-2396	CAWA-11-7361	GELC
CdV-R-15-3 S4	1235.1	05/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.42	—	—	1	µg/L	Y	J	J	11-2355	CAWA-11-7327	GELC
CdV-R-15-3 S4	1235.1	05/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.73	—	—	1	µg/L	Y	J	J	11-2355	CAWA-11-7247	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.42	—	—	1	µg/L	Y	J	J	11-2313	CAWA-11-7026	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.97	—	—	1	µg/L	Y	J	J	11-2313	CAWA-11-6966	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.3	—	—	1	µg/L	Y	J	J	11-2313	CAWA-11-6854	GELC
CdV-R-15-3 S4	1235.1	05/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.28	—	—	1	µg/L	Y	J	J	11-2313	CAWA-11-6913	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	J-	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	J-	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	J-	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.29	—	—	0.01	SU	Y	H	J-	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	J-	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	0.01	SU	Y	H	J-	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	J-	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.6	—	—	0.725	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	0.73	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.9	—	—	0.73	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.9	—	—	0.73	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58	—	—	0.73	mg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	0.73	mg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57	—	—	0.73	mg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.7	—	—	1	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36	—	—	1	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	27.7	—	—	1	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.1	—	—	1	µg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	47.5	—	—	1	µg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	47.6	—	—	1	µg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	39.1	—	—	1	µg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.81	—	—	0.05	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.39	—	—	0.05	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.93	—	—	0.05	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.52	—	—	0.05	mg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.58	—	—	0.05	mg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.72	—	—	0.05	mg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.55	—	—	0.05	mg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.77	—	—	0.067	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.73	—	—	0.066	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.71	—	—	0.066	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.64	—	—	0.066	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.65	—	—	0.066	mg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.066	mg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.64	—	—	0.066	mg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.74	—	—	0.066	mg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.223	—	—	0.033	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.188	—	—	0.033	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.164	—	—	0.033	mg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.17	—	—	0.033	mg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.45	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.7	—	—	0.45	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.9	—	—	0.45	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37	—	—	0.45	mg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.4	—	—	0.45	mg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.1	—	—	0.45	mg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.4	—	—	0.45	mg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	141	—	—	30	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	44	—	—	30	µg/L	Y	J	J	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	432	—	—	30	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	135	—	—	30	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	457	—	—	30	µg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	443	—	—	30	µg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	609	—	—	30	µg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	577	—	—	30	µg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.02	—	—	0.11	mg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.99	—	—	0.11	mg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.08	—	—	0.11	mg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	183	—	—	2	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	201	—	—	2	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	318	—	—	2	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	246	—	—	2	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	398	—	—	2	µg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	462	—	—	2	µg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	324	—	—	2	µg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	374	—	—	2	µg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.28	—	—	0.165	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.17	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.17	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.48	—	—	0.17	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.85	—	—	0.17	µg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.43	—	—	0.17	µg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.75	—	—	0.17	µg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.66	—	—	0.17	µg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.58	—	—	0.5	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.96	—	—	0.5	µg/L	Y	J	J	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.57	—	—	0.5	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.95	—	—	0.5	µg/L	Y	J	J	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.4	—	—	0.5	µg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.34	—	—	0.5	µg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.76	—	—	0.5	µg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.73	—	—	0.5	µg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.19	—	—	0.017	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.301	—	—	0.1	mg/L	Y	J	J	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.217	—	—	0.1	mg/L	Y	J	J	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.153	—	—	0.1	mg/L	Y	J	J-	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.5	—	—	0.1	mg/L	Y	U	U	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.199	—	—	0.1	mg/L	Y	J	J	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.5	—	—	0.1	mg/L	Y	U	U	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.206	—	—	0.1	mg/L	Y	J	J+	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.142	—	—	0.05	µg/L	Y	J	J	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.236	—	—	0.05	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.195	—	—	0.05	µg/L	Y	J	J	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.228	—	—	0.05	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.139	—	—	0.05	µg/L	Y	J	J	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.172	—	—	0.05	µg/L	Y	J	J	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0781	—	—	0.05	µg/L	Y	J	J	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.19	—	—	0.05	µg/L	Y	J	J	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	N	1.44	—	—	0.05	mg/L	Y	—	U	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	J	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.12	—	—	0.05	mg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.6	—	—	0.053	mg/L	Y	—	J+	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.2	—	—	0.053	mg/L	Y	—	J+	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.1	—	—	0.053	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	N	61.8	—	—	0.053	mg/L	Y	—	U	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	N	58.1	—	—	0.053	mg/L	Y	—	U	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	N	59	—	—	0.053	mg/L	Y	—	U	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	N	63.6	—	—	0.053	mg/L	Y	—	U	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µS/cm	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	µS/cm	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56.8	—	—	1	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.6	—	—	1	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.7	—	—	1	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.9	—	—	1	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.9	—	—	1	µg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.5	—	—	1	µg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.2	—	—	1	µg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.4	—	—	1	µg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.91	—	—	0.133	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.85	—	—	0.1	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.93	—	—	0.1	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.71	—	—	0.1	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	N	1.77	—	—	0.1	mg/L	Y	—	U	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	N	1.8	—	—	0.1	mg/L	Y	—	U	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	N	1.83	—	—	0.1	mg/L	Y	—	U	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	N	1.81	—	—	0.1	mg/L	Y	—	U	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.554	—	—	0.45	µg/L	Y	J	J	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	UJ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	UJ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	UJ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	UJ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	2.4	mg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	2.4	mg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	2.4	mg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	2.4	mg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	2.4	mg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	138	—	—	2.4	mg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	122	—	—	2.4	mg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.157	—	—	0.033	mg/L	Y	—	J+	2013-2057	CAWA-13-41329	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0354	—	—	0.035	mg/L	Y	J	U	11-2168	CAWA-11-7382	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.101	—	—	0.035	mg/L	Y	—	U	11-2156	CAWA-11-7332	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-2113	CAWA-11-7284	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	11-2076	CAWA-11-6988	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0509	—	—	0.035	mg/L	Y	J	J-	11-2076	CAWA-11-7049	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.113	—	—	0.035	mg/L	Y	—	J-	11-2076	CAWA-11-6931	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.106	—	—	0.035	mg/L	Y	—	J-	11-2076	CAWA-11-6881	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.1	—	—	0.33	mg/L	Y	—	NQ	2013-2057	CAWA-13-41329	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.84	—	—	0.33	mg/L	Y	J	J	11-2168	CAWA-11-7382	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	11-2156	CAWA-11-7332	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.866	—	—	0.33	mg/L	Y	J	J	11-2113	CAWA-11-7284	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.5	—	—	0.33	mg/L	Y	—	NQ	11-2076	CAWA-11-6988	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.94	—	—	0.33	mg/L	Y	J	J	11-2076	CAWA-11-7049	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.4	—	—	0.33	mg/L	Y	—	NQ	11-2076	CAWA-11-6931	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.986	—	—	0.33	mg/L	Y	J	J	11-2076	CAWA-11-6881	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.582	—	—	0.067	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.745	—	—	0.067	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.709	—	—	0.067	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.602	—	—	0.067	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.744	—	—	0.067	µg/L	Y	—	NQ	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.62	—	—	0.067	µg/L	Y	—	NQ	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.57	—	—	0.067	µg/L	Y	—	NQ	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.625	—	—	0.067	µg/L	Y	—	NQ	11-2079	CAWA-11-6937	GELC
CdV-R-37-2 S2	1188.7	09/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.98	—	—	1	µg/L	Y	—	NQ	2013-2057	CAWA-13-41331	GELC
CdV-R-37-2 S2	1188.7	04/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.01	—	—	1	µg/L	Y	—	NQ	11-2168	CAWA-11-7374	GELC
CdV-R-37-2 S2	1188.7	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.25	—	—	1	µg/L	Y	—	NQ	11-2156	CAWA-11-7345	GELC
CdV-R-37-2 S2	1188.7	04/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.25	—	—	1	µg/L	Y	—	NQ	11-2113	CAWA-11-7266	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.61	—	—	1	µg/L	Y	—	J	11-2079	CAWA-11-7047	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.1	—	—	1	µg/L	Y	—	J	11-2079	CAWA-11-6992	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	3.37	—	—	1	µg/L	Y	J	U	11-2079	CAWA-11-6878	GELC
CdV-R-37-2 S2	1188.7	04/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	4.56	—	—	1	µg/L	Y	J	U	11-2079	CAWA-11-6937	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	2290	—	—	68	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	16700	—	—	68	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	11900	—	—	68	µg/L	Y	N	J+	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	14000	—	—	68	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.0945	—	—	0.0879	µg/L	Y	J	J	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.13	µg/L	Y	U	UJ	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.13	µg/L	Y	U	U	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.62	—	—	1.7	µg/L	Y	J	J	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	6.7	—	—	1.5	µg/L	Y	—	U	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	677	—	—	1	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	713	—	—	1	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	444	—	—	1	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	462	—	—	1	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	64.5	—	—	15	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.9	—	—	15	µg/L	Y	J	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	29.1	—	—	10	µg/L	Y	J	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	34.7	—	—	10	µg/L	Y	J	J	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.235	—	—	0.11	µg/L	Y	J	J	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.132	—	—	0.11	µg/L	Y	J	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.13	—	—	0.11	µg/L	Y	J	J	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.7	—	—	0.05	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.88	—	—	0.03	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.65	—	—	0.03	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.26	—	—	2	µg/L	Y	J	J	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.86	—	—	2.5	µg/L	Y	J	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.47	—	—	1.5	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.2	—	—	2.5	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	7.93	—	—	1	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	3.84	—	—	1	µg/L	Y	J	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	4.18	—	—	1	µg/L	Y	J	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	Y	5.7	—	—	1	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	11.6	—	—	3	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	9.36	—	—	3	µg/L	Y	J	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	5.18	—	—	3	µg/L	Y	J	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	7.3	—	—	3	µg/L	Y	J	U	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	7.94	—	—	0.3	µg/L	Y	H	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	DL	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	1.18	—	—	0.6	µg/L	N	J	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	1.16	—	—	0.3	µg/L	Y	—	NQ	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	DL	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	8.36	—	—	1.5	µg/L	N	—	J	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	8.36	—	—	0.3	µg/L	Y	—	NQ	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	DL	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	8.25	—	—	0.75	µg/L	N	—	J	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	9.55	—	—	0.3	µg/L	Y	—	NQ	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	02/16/06	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	Y	26.7	—	—	0.3	µg/L	Y	—	—	156396	GU06020FLC101	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.9	—	—	0.453	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	0.35	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31	—	—	0.35	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.3	—	—	0.43	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	58	—	—	2.2	µg/L	Y	—	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	36.6	—	—	1	µg/L	Y	—	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	19	—	—	0.26	µg/L	Y	—	NQ	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	33.3	—	—	0.52	µg/L	Y	—	J	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	2040	—	—	30	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	10600	—	—	30	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	6830	—	—	25	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	7900	—	—	25	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	2.35	—	—	0.5	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	6.9	—	—	0.5	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	5.14	—	—	0.5	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	5.2	—	—	0.5	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.71	—	—	0.085	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.75	—	—	0.085	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.72	—	—	0.085	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	345	—	—	2	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	62.2	—	—	2	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	49.8	—	—	2	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	73.1	—	—	2	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.62	—	—	0.165	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.8	—	—	0.1	µg/L	Y	—	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.72	—	—	0.1	µg/L	Y	—	J	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.9	—	—	0.1	µg/L	Y	—	J	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12.2	—	—	0.5	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12.3	—	—	0.5	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.47	—	—	0.5	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.2	—	—	0.5	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.16	—	—	0.05	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.1	—	—	0.05	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.31	—	—	0.05	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.56	—	—	0.05	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.76	—	—	0.0879	µg/L	Y	—	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	5.78	—	—	0.1	µg/L	Y	—	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	2.03	—	—	0.13	µg/L	Y	—	J	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	7.47	—	—	0.13	µg/L	Y	—	J	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	Y	0.97	—	—	0.2	µg/L	Y	J	J	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	Y	0.365	—	—	0.2	µg/L	Y	J	J	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	1	—	—	0.2	µg/L	Y	U	U	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	Y	0.34	—	—	0.2	µg/L	Y	JN	J-	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.69	—	—	0.045	mg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.2	—	—	0.045	mg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.7	—	—	1	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.4	—	—	1	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.1	—	—	1	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TATB	3058-38-6	Y	0.859	—	—	0.33	µg/L	Y	J	J	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TATB	3058-38-6	N	1.3	—	—	0.39	µg/L	Y	U	U	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TATB	3058-38-6	N	1.3	—	—	0.47	µg/L	Y	U	U	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	TATB	3058-38-6	N	1.3	—	—	0.47	µg/L	Y	U	U	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	15.6	—	—	0.3	µg/L	Y	H	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	DL	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	127	—	—	0.6	µg/L	Y	—	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	114	—	—	0.3	µg/L	N	E	R	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	DL	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	200	—	—	2.3	µg/L	Y	—	NQ	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	203	—	—	0.45	µg/L	N	E	R	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	DL	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	193	—	—	0.63	µg/L	Y	—	NQ	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	186	—	—	0.25	µg/L	N	E	R	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	02/16/06	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	6.09	—	—	0.25	µg/L	Y	—	—	156396	GU06020FLC101	GELC
FLC-16-25280	2.6	09/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	2.97	—	—	0.3	µg/L	Y	H	NQ	2013-2100	CAWA-13-42029	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	DL	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	3.84	—	—	0.5	µg/L	N	—	J	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/05/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	3.53	—	—	0.25	µg/L	Y	—	NQ	10-2673	CAWA-10-15115	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	DL	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	10.9	—	—	1.3	µg/L	Y	—	J	09-1385	CAWA-09-5577	GELC
FLC-16-25280	2.6	04/02/09	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	10.3	—	—	0.25	µg/L	N	—	NQ	09-1385	CAWA-09-5577	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
FLC-16-25280	2.6	04/03/08	WG	UF	DL	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	9.97	—	—	0.63	µg/L	N	—	J	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	04/03/08	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	11.8	—	—	0.25	µg/L	Y	—	NQ	08-930	CAWA-08-11605	GELC
FLC-16-25280	2.6	02/16/06	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	3.99	—	—	0.25	µg/L	Y	—	—	156396	GU06020FLC101	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.51	—	—	0.067	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.72	—	—	0.05	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.436	—	—	0.05	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.49	—	—	0.05	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.57	—	—	1	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	18.5	—	—	1	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.3	—	—	1	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	16.6	—	—	1	µg/L	Y	—	NQ	08-930	CAWA-08-11604	GELC
FLC-16-25280	2.6	09/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	23.7	—	—	3.3	µg/L	Y	—	NQ	2013-2100	CAWA-13-42030	GELC
FLC-16-25280	2.6	04/05/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	39.5	—	—	3.3	µg/L	Y	—	NQ	10-2674	CAWA-10-15113	GELC
FLC-16-25280	2.6	04/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	27.9	—	—	2	µg/L	Y	—	NQ	09-1386	CAWA-09-5578	GELC
FLC-16-25280	2.6	04/03/08	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	30.5	—	—	2	µg/L	Y	—	J	08-930	CAWA-08-11604	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	2740	—	—	68	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	179	—	—	68	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	1050	—	—	68	µg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	Y	573	—	—	68	µg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.733	—	—	0.0879	µg/L	Y	—	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.66	—	—	0.093	µg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.53	—	—	0.0909	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.6	—	—	0.0909	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.63	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.86	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.39	—	—	0.1	µg/L	Y	—	NQ	11-3608	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.24	—	—	0.1	µg/L	Y	—	NQ	11-3608	CAWA-11-27191	GELC
Martin Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.418	—	—	0.0879	µg/L	Y	—	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.09	—	—	0.093	µg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.95	—	—	0.0909	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1	—	—	0.0909	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.41	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.65	—	—	0.1	µg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.21	—	—	0.1	µg/L	Y	—	NQ	11-3608	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.22	—	—	0.1	µg/L	Y	—	NQ	11-3608	CAWA-11-27191	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	129	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	164	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	162	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	178	—	—	1	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	192	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	188	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	151	—	—	1	µg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	149	—	—	1	µg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	647	—	—	15	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	1100	—	—	15	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	1100	—	—	15	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	1310	—	—	15	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	1290	—	—	15	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	1260	—	—	15	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	1240	—	—	15	µg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	1250	—	—	15	µg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28.3	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28.2	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	30.2	—	—	0.05	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	32.9	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	32.1	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	25.2	—	—	0.05	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	25.3	—	—	0.05	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.61	—	—	2	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	4.22	—	—	3	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	3.47	—	—	3	µg/L	Y	J	J	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	3.32	—	—	3	µg/L	Y	J	J	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	Y	3.23	—	—	3	µg/L	Y	J	J	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.7	—	—	0.453	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	97.1	—	—	0.453	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96.7	—	—	0.453	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	104	—	—	0.453	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	112	—	—	0.45	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	110	—	—	0.45	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.4	—	—	0.45	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.7	—	—	0.45	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	5.68	—	—	0.0879	µg/L	Y	Q	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	11.1	—	—	0.093	µg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.3	—	—	0.0909	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.4	—	—	0.182	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	11.5	—	—	1	µg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC
Martin Spring	—	01/18/12	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	15	—	—	1.3	µg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	11.4	—	—	1	µg/L	Y	—	NQ	11-3608	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	10.9	—	—	1	µg/L	Y	—	NQ	11-3608	CAWA-11-27191	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1860	—	—	30	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	39.7	—	—	30	µg/L	Y	J	J	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	30.9	—	—	30	µg/L	Y	J	J	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	94.1	—	—	30	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	32.7	—	—	30	µg/L	Y	J	J	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	509	—	—	30	µg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	280	—	—	30	µg/L	Y	—	NQ	11-3609	CAWA-11-27193	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	0.562	—	—	0.5	µg/L	Y	J	J	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.63	—	—	0.11	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.4	—	—	0.11	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.36	—	—	0.11	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7	—	—	0.11	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.3	—	—	0.11	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	7.14	—	—	0.11	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.7	—	—	0.11	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.73	—	—	0.11	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	13.3	—	—	2	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.55	—	—	2	µg/L	Y	J	J	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.42	—	—	2	µg/L	Y	J	J	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	6.56	—	—	2	µg/L	Y	J	J	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.26	—	—	2	µg/L	Y	J	J	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.52	—	—	2	µg/L	Y	J	J	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.44	—	—	2	µg/L	Y	J	J	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.83	—	—	0.165	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.62	—	—	0.165	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.72	—	—	0.165	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.92	—	—	0.165	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.21	—	—	0.17	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.15	—	—	0.17	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.97	—	—	0.17	µg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.04	—	—	0.17	µg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.21	—	—	0.5	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.04	—	—	0.5	µg/L	Y	J	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.992	—	—	0.5	µg/L	Y	J	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.602	—	—	0.5	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.641	—	—	0.5	µg/L	Y	J	J	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.01	—	—	0.5	µg/L	Y	J	J	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.19	—	—	0.5	µg/L	Y	J	J	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.9	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.96	—	—	0.05	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.01	—	—	0.05	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.49	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.48	—	—	0.05	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.97	—	—	0.05	mg/L	Y	—	J	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.86	—	—	0.05	mg/L	Y	—	J	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	27.7	—	—	0.44	µg/L	Y	—	NQ	2013-1962	CAWA-13-40710	GELC
Martin Spring	—	03/27/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	92.4	—	—	2.33	µg/L	Y	—	NQ	2013-680	CAWA-13-28831	GELC
Martin Spring	—	03/27/13	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	82.4	—	—	2.27	µg/L	Y	—	NQ	2013-680	CAWA-13-28788	GELC
Martin Spring	—	07/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	73	—	—	2.27	µg/L	Y	—	NQ	12-1441	CAWA-12-17546	GELC
Martin Spring	—	01/18/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	94.7	—	—	1	µg/L	Y	—	NQ	12-611	CAWA-12-1930	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
Martin Spring	—	01/18/12	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	115	—	—	1.3	µg/L	Y	—	NQ	12-611	CAWA-12-2079	GELC
Martin Spring	—	09/15/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	83.3	—	—	1	µg/L	Y	—	NQ	11-3608	CAWA-11-27055	GELC
Martin Spring	—	09/15/11	WG	UF	DL	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	79.3	—	—	1	µg/L	Y	—	NQ	11-3608	CAWA-11-27191	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.8	—	—	0.1	mg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	33.1	—	—	0.1	mg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	33	—	—	0.1	mg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	36.1	—	—	0.1	mg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	39.8	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	38.8	—	—	0.1	mg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	28.4	—	—	0.1	mg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	28.3	—	—	0.1	mg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	93.8	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	137	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	137	—	—	1	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	150	—	—	1	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	155	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	152	—	—	1	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	121	—	—	1	µg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	121	—	—	1	µg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.448	—	—	0.067	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.14	—	—	0.067	µg/L	Y	—	NQ	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	2.23	—	—	0.067	µg/L	Y	—	NQ	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.91	—	—	0.067	µg/L	Y	—	NQ	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.43	—	—	0.067	µg/L	Y	—	NQ	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	2.32	—	—	0.067	µg/L	Y	—	NQ	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.21	—	—	0.067	µg/L	Y	—	NQ	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.18	—	—	0.067	µg/L	Y	—	NQ	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.29	—	—	1	µg/L	Y	—	NQ	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.62	—	—	1	µg/L	Y	J	J	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.14	—	—	1	µg/L	Y	J	J	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.16	—	—	1	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.32	—	—	1	µg/L	Y	J	J	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.25	—	—	1	µg/L	Y	J	J	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.55	—	—	1	µg/L	Y	J	J	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.46	—	—	1	µg/L	Y	J	J	11-3609	CAWA-11-27193	GELC
Martin Spring	—	09/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.77	—	—	3.3	µg/L	Y	J	J	2013-1962	CAWA-13-40728	GELC
Martin Spring	—	03/27/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-680	CAWA-13-28857	GELC
Martin Spring	—	03/27/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-680	CAWA-13-28791	GELC
Martin Spring	—	07/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.73	—	—	3.3	µg/L	Y	J	J	12-1441	CAWA-12-17565	GELC
Martin Spring	—	01/18/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-612	CAWA-12-1931	GELC
Martin Spring	—	01/18/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-612	CAWA-12-2078	GELC
Martin Spring	—	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.09	—	—	3.3	µg/L	Y	J	J	11-3609	CAWA-11-27053	GELC
Martin Spring	—	09/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.81	—	—	3.3	µg/L	Y	J	J	11-3609	CAWA-11-27193	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	12-601	CAWA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	J-	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J-	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	J-	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.1	—	—	0.725	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.1	—	—	0.725	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51	—	—	0.725	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52	—	—	0.73	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.7	—	—	0.73	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.9	—	—	0.73	mg/L	Y	—	NQ	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.4	—	—	0.73	mg/L	Y	—	NQ	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.111	—	—	0.017	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0995	—	—	0.017	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.031	—	—	0.017	mg/L	Y	J	J	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	19.6	—	—	1	µg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.99	—	—	0.05	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.39	—	—	0.067	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.39	—	—	0.067	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.31	—	—	0.067	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.37	—	—	0.066	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.29	—	—	0.066	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.39	—	—	0.066	mg/L	Y	—	NQ	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.74	—	—	0.066	mg/L	Y	—	NQ	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.179	—	—	0.033	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0845	—	—	0.033	mg/L	Y	J	J	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.136	—	—	0.033	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.126	—	—	0.033	mg/L	Y	—	NQ	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.9	—	—	0.453	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	—	0.453	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39	—	—	0.453	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	0.45	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	—	0.45	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.31	—	—	0.11	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.3	—	—	0.11	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.74	—	—	0.11	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.42	—	—	0.11	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.62	—	—	0.11	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.567	—	—	0.165	µg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.555	—	—	0.165	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.646	—	—	0.165	µg/L	Y	—	U	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.449	—	—	0.165	µg/L	Y	J	J	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.479	—	—	0.17	µg/L	Y	J	J	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.456	—	—	0.17	µg/L	Y	J	J	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.975	—	—	0.5	µg/L	Y	J	J	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.1	—	—	0.5	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.6	—	—	0.5	µg/L	Y	J	U	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.661	—	—	0.5	µg/L	Y	J	U	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.839	—	—	0.5	µg/L	Y	J	J	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.601	—	—	0.017	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.603	—	—	0.017	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.589	—	—	0.017	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.715	—	—	0.05	mg/L	Y	—	J+	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	—	0.05	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.621	—	—	0.1	mg/L	Y	—	NQ	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.626	—	—	0.1	mg/L	Y	—	NQ	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.15	—	—	0.05	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.47	—	—	0.0833	µg/L	Y	—	NQ	2013-1795	CAPA-13-40943	GELC
R-18	1358	09/03/13	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.8	—	—	0.0842	µg/L	Y	—	NQ	2013-1795	CAPA-13-40945	GELC
R-18	1358	03/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.46	—	—	0.086	µg/L	Y	—	NQ	2013-622	CAPA-13-28875	GELC
R-18	1358	07/10/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.12	—	—	0.0899	µg/L	Y	Q	NQ	12-1415	CAPA-12-17577	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.02	—	—	0.1	µg/L	Y	—	NQ	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.01	—	—	0.1	µg/L	Y	—	NQ	11-3464	CAWA-11-27164	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.7	—	—	0.053	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.4	—	—	0.053	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.6	—	—	0.053	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.8	—	—	0.053	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.3	—	—	0.053	mg/L	Y	—	J+	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	56	—	—	0.053	mg/L	Y	—	J+	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.28	—	—	0.1	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.96	—	—	0.1	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.26	—	—	0.1	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.48	—	—	0.1	mg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.15	—	—	0.1	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.16	—	—	0.1	mg/L	Y	—	J	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	µS/cm	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	1	µS/cm	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	µS/cm	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	µS/cm	Y	—	NQ	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	µS/cm	Y	—	NQ	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.7	—	—	1	µg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50	—	—	1	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.4	—	—	1	µg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	49.3	—	—	1	µg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.3	—	—	1	µg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.1	—	—	1	µg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	—	—	0.133	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.01	—	—	0.133	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.97	—	—	0.133	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.07	—	—	0.1	mg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.97	—	—	0.1	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.09	—	—	0.1	mg/L	Y	—	NQ	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.05	—	—	0.1	mg/L	Y	—	NQ	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.35	—	—	0.3	µg/L	Y	J	J	2013-1795	CAPA-13-40943	GELC
R-18	1358	09/03/13	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.33	—	—	0.3	µg/L	Y	J	J	2013-1795	CAPA-13-40945	GELC
R-18	1358	03/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	2013-622	CAPA-13-28875	GELC
R-18	1358	07/10/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	12-1415	CAPA-12-17577	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	J	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	2.4	mg/L	Y	—	NQ	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	112	—	—	2.4	mg/L	Y	—	NQ	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0341	—	—	0.033	mg/L	Y	J	J	2013-1795	CAPA-13-40943	GELC
R-18	1358	09/03/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-1795	CAPA-13-40945	GELC
R-18	1358	03/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-622	CAPA-13-28875	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0649	—	—	0.035	mg/L	Y	J	J	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-3464	CAWA-11-27164	GELC
R-18	1358	04/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-2159	CAPA-11-9292	GELC
R-18	1358	04/22/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0367	—	—	0.035	mg/L	Y	J	U	11-2159	CAPA-11-9296	GELC
R-18	1358	09/03/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.832	—	—	0.33	mg/L	Y	J	J	2013-1795	CAPA-13-40943	GELC
R-18	1358	09/03/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.69	—	—	0.33	mg/L	Y	J	J	2013-1795	CAPA-13-40945	GELC
R-18	1358	03/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.841	—	—	0.33	mg/L	Y	J	J	2013-622	CAPA-13-28875	GELC
R-18	1358	01/17/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.54	—	—	0.33	mg/L	Y	J	J	12-601	CAPA-12-2038	GELC
R-18	1358	09/07/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.475	—	—	0.33	mg/L	Y	J	J	11-3464	CAWA-11-27164	GELC
R-18	1358	04/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.586	—	—	0.33	mg/L	Y	J	J	11-2159	CAPA-11-9292	GELC
R-18	1358	04/22/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.628	—	—	0.33	mg/L	Y	J	J	11-2159	CAPA-11-9296	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0326	—	—	0.017	mg/L	Y	J	J	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0302	—	—	0.017	mg/L	Y	J	J	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0444	—	—	0.017	mg/L	Y	J	U	2013-622	CAPA-13-28877	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	U	U	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0966	—	—	0.015	mg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	04/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0177	—	—	0.015	mg/L	Y	J	J	11-2159	CAPA-11-9293	GELC
R-18	1358	04/22/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0194	—	—	0.015	mg/L	Y	J	J	11-2159	CAPA-11-9295	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	NQ	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.426	—	—	0.067	µg/L	Y	—	NQ	2013-1795	CAPA-13-40946	GELC
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.424	—	—	0.067	µg/L	Y	—	NQ	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.387	—	—	0.067	µg/L	Y	—	NQ	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.392	—	—	0.067	µg/L	Y	—	NQ	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.441	—	—	0.067	µg/L	Y	—	NQ	11-3464	CAWA-11-27166	GELC
R-18	1358	09/03/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.2	—	—	1	µg/L	Y	J	J	2013-1795	CAPA-13-40944	GELC
R-18	1358	09/03/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.76	—	—	1	µg/L	Y	J	J	2013-1795	CAPA-13-40946	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	1358	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.95	—	—	1	µg/L	Y	J	J	2013-622	CAPA-13-28877	GELC
R-18	1358	07/10/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.26	—	—	1	µg/L	Y	J	J	12-1415	CAPA-12-17578	GELC
R-18	1358	01/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.06	—	—	1	µg/L	Y	J	J	12-601	CAPA-12-2039	GELC
R-18	1358	09/07/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.25	—	—	1	µg/L	Y	J	J	11-3464	CAWA-11-27166	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.366	—	—	0.306	µg/L	Y	J	J	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	Y	0.353	—	—	0.339	µg/L	Y	J	J	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	N	1.22	—	—	0.366	µg/L	Y	U	U	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	N	1.3	—	—	0.39	µg/L	Y	U	U	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	3,5-Dinitroaniline	618-87-1	N	1.3	—	—	0.39	µg/L	Y	U	U	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.59	—	—	0.0816	µg/L	Y	—	NQ	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.38	—	—	0.0904	µg/L	Y	—	NQ	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.66	—	—	0.0976	µg/L	Y	—	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.22	—	—	0.1	µg/L	Y	—	NQ	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	2.7	—	—	0.1	µg/L	Y	—	NQ	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.57	—	—	0.0816	µg/L	Y	—	NQ	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.9	—	—	0.0904	µg/L	Y	—	NQ	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.83	—	—	0.0976	µg/L	Y	—	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	1.74	—	—	0.1	µg/L	Y	—	NQ	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	2.6	—	—	0.1	µg/L	Y	—	NQ	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Dinitrotoluene[2,4-]	121-14-2	Y	0.431	—	—	0.0816	µg/L	Y	—	NQ	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Dinitrotoluene[2,4-]	121-14-2	Y	0.51	—	—	0.0904	µg/L	Y	—	NQ	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Dinitrotoluene[2,4-]	121-14-2	Y	0.521	—	—	0.0976	µg/L	Y	—	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Dinitrotoluene[2,4-]	121-14-2	Y	0.538	—	—	0.1	µg/L	Y	—	NQ	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Dinitrotoluene[2,4-]	121-14-2	Y	0.713	—	—	0.1	µg/L	Y	—	NQ	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dinitrotoluene[2,4-]	121-14-2	N	10.3	—	—	3.1	µg/L	Y	U	U	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.45	—	—	0.0816	µg/L	Y	—	NQ	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.33	—	—	0.0904	µg/L	Y	—	NQ	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.57	—	—	0.0976	µg/L	Y	Qh	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2.93	—	—	0.1	µg/L	Y	—	NQ	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.69	—	—	0.1	µg/L	Y	—	NQ	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.34	—	—	0.3	µg/L	Y	J	J	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	1	—	—	0.3	µg/L	Y	U	U	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.3	—	—	0.3	µg/L	Y	HJ	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.32	—	—	0.25	µg/L	Y	J	J	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.31	—	—	0.25	µg/L	Y	J	J	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	24.7	—	—	0.408	µg/L	Y	—	NQ	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	29	—	—	0.452	µg/L	Y	—	NQ	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	23.8	—	—	0.488	µg/L	Y	—	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	30.8	—	—	0.52	µg/L	Y	—	NQ	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	27.9	—	—	0.52	µg/L	Y	—	NQ	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.97	—	—	0.3	µg/L	Y	J	J	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.66	—	—	0.3	µg/L	Y	J	J	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.76	—	—	0.3	µg/L	Y	HJ	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.54	—	—	0.3	µg/L	Y	J	J	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.74	—	—	0.3	µg/L	Y	J	J	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.17	—	—	0.3	µg/L	Y	—	NQ	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.95	—	—	0.3	µg/L	Y	J	J	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.89	—	—	0.3	µg/L	Y	HJ	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.5	—	—	0.25	µg/L	Y	J	J	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.77	—	—	0.25	µg/L	Y	J	J	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.596	—	—	0.0816	µg/L	Y	—	NQ	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.79	—	—	0.0904	µg/L	Y	—	NQ	2013-610	CAWA-13-28833	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-25 S1	737.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.591	—	—	0.0976	µg/L	Y	—	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	1.01	—	—	0.1	µg/L	Y	—	NQ	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	1.04	—	—	0.1	µg/L	Y	—	NQ	11-3523	CAWA-11-27108	GELC
R-25 S1	737.6	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	Y	4.86	—	—	0.0816	µg/L	Y	—	NQ	2013-1841	CAWA-13-40711	GELC
R-25 S1	737.6	03/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	Y	5.39	—	—	0.0904	µg/L	Y	—	NQ	2013-610	CAWA-13-28833	GELC
R-25 S1	737.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	Y	5.2	—	—	0.0976	µg/L	Y	—	NQ	12-1433	CAWA-12-17548	GELC
R-25 S1	737.6	01/11/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	Y	8.58	—	—	0.1	µg/L	Y	—	J	12-570	CAWA-12-2004	GELC
R-25 S1	737.6	09/09/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrotoluene[2,4,6-]	118-96-7	Y	8.56	—	—	0.1	µg/L	Y	—	NQ	11-3523	CAWA-11-27108	GELC
R-25 S2	882.6	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.373	—	—	0.0842	µg/L	Y	—	NQ	2013-1858	CAWA-13-40712	GELC
R-25 S2	882.6	03/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.282	—	—	0.086	µg/L	Y	—	NQ	2013-623	CAWA-13-28834	GELC
R-25 S2	882.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.582	—	—	0.086	µg/L	Y	—	NQ	12-1433	CAWA-12-17549	GELC
R-25 S2	882.6	01/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.553	—	—	0.1	µg/L	Y	—	NQ	12-582	CAWA-12-1970	GELC
R-25 S2	882.6	09/12/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	1.45	—	—	0.1	µg/L	Y	—	NQ	11-3557	CAWA-11-27141	GELC
R-25 S2	882.6	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.16	—	—	0.0842	µg/L	Y	J	J	2013-1858	CAWA-13-40712	GELC
R-25 S2	882.6	03/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.12	—	—	0.086	µg/L	Y	J	J	2013-623	CAWA-13-28834	GELC
R-25 S2	882.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.261	—	—	0.086	µg/L	Y	J	J	12-1433	CAWA-12-17549	GELC
R-25 S2	882.6	01/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.267	—	—	0.1	µg/L	Y	J	J	12-582	CAWA-12-1970	GELC
R-25 S2	882.6	09/12/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.825	—	—	0.1	µg/L	Y	—	NQ	11-3557	CAWA-11-27141	GELC
R-25 S2	882.6	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	2	—	—	0.0842	µg/L	Y	—	NQ	2013-1858	CAWA-13-40712	GELC
R-25 S2	882.6	03/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.91	—	—	0.086	µg/L	Y	—	NQ	2013-623	CAWA-13-28834	GELC
R-25 S2	882.6	07/18/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	3.49	—	—	0.086	µg/L	Y	Q	NQ	12-1433	CAWA-12-17549	GELC
R-25 S2	882.6	01/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.42	—	—	0.1	µg/L	Y	—	NQ	12-582	CAWA-12-1970	GELC
R-25 S2	882.6	09/12/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	4.81	—	—	0.1	µg/L	Y	—	NQ	11-3557	CAWA-11-27141	GELC
R-25 S2	882.6	09/11/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.55	—	—	0.3	µg/L	Y	J	J	2013-1858	CAWA-13-40712	GELC
R-25 S2	882.6	03/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.65	—	—	0.3	µg/L	Y	J	J	2013-623	CAWA-13-28834	GELC
R-25 S2	882.6	07/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.68	—	—	0.3	µg/L	Y	HJ	NQ	12-1433	CAWA-12-17549	GELC
R-25 S2	882.6	01/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.56	—	—	0.25	µg/L	Y	J	J	12-582	CAWA-12-1970	GELC
R-25 S2	882.6	09/12/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.55	—	—	0.25	µg/L	Y	J	J	11-3557	CAWA-11-27141	GELC
R-25 S2	882.6	09/11/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	6.31	—	—	0.0842	µg/L	Y	—	NQ	2013-1858	CAWA-13-40712	GELC
R-25 S2	882.6	03/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	7.94	—	—	0.086	µg/L	Y	—	NQ	2013-623	CAWA-13-28834	GELC
R-25 S2	882.6	07/18/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	14	—	—	0.43	µg/L	Y	—	NQ	12-1433	CAWA-12-17549	GELC
R-25 S2	882.6	01/12/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	17.5	—	—	0.26	µg/L	Y	—	NQ	12-582	CAWA-12-1970	GELC
R-25 S2	882.6	09/12/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	19.4	—	—	0.26	µg/L	Y	—	NQ	11-3557	CAWA-11-27141	GELC
R-25 S2	882.6	09/11/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.87	—	—	0.3	µg/L	Y	J	J	2013-1858	CAWA-13-40712	GELC
R-25 S2	882.6	03/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.38	—	—	0.3	µg/L	Y	J	J	2013-623	CAWA-13-28834	GELC
R-25 S2	882.6	07/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.43	—	—	0.3	µg/L	Y	HJ	NQ	12-1433	CAWA-12-17549	GELC
R-25 S2	882.6	01/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	12-582	CAWA-12-1970	GELC
R-25 S2	882.6	09/12/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.92	—	—	0.3	µg/L	Y	J	J	11-3557	CAWA-11-27141	GELC
R-25 S2	882.6	09/11/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.98	—	—	0.3	µg/L	Y	J	J	2013-1858	CAWA-13-40712	GELC
R-25 S2	882.6	03/13/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.61	—	—	0.3	µg/L	Y	J	J	2013-623	CAWA-13-28834	GELC
R-25 S2	882.6	07/18/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.58	—	—	0.3	µg/L	Y	HJ	NQ	12-1433	CAWA-12-17549	GELC
R-25 S2	882.6	01/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.45	—	—	0.25	µg/L	Y	J	J	12-582	CAWA-12-1970	GELC
R-25 S2	882.6	09/12/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.18	—	—	0.25	µg/L	Y	—	NQ	11-3557	CAWA-11-27141	GELC
R-25 S4	1184.6	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	Y	0.389	—	—	0.0865	µg/L	Y	—	NQ	2013-1890	CAWA-13-40713	GELC
R-25 S4	1184.6	03/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.284	—	—	0.0909	µg/L	Y	U	U	2013-652	CAWA-13-28835	GELC
R-25 S4	1184.6	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.266	—	—	0.0851	µg/L	Y	U	U	12-1440	CAWA-12-17550	GELC
R-25 S4	1184.6	01/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	12-582	CAWA-12-1973	GELC
R-25 S4	1184.6	09/12/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.325	—	—	0.1	µg/L	Y	U	U	11-3557	CAWA-11-27111	GELC
R-25 S4	1184.6	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	Y	0.16	—	—	0.0865	µg/L	Y	J	J	2013-1890	CAWA-13-40713	GELC
R-25 S4	1184.6	03/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.284	—	—	0.0909	µg/L	Y	UQ	U	2013-652	CAWA-13-28835	GELC
R-25 S4	1184.6	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.266	—	—	0.0851	µg/L	Y	U	U	12-1440	CAWA-12-17550	GELC
R-25 S4	1184.6	01/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.325	—	—	0.1	µg/L	Y	U	U	12-582	CAWA-12-1973	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-25 S4	1184.6	09/12/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.325	—	—	0.1	µg/L	Y	U	U	11-3557	CAWA-11-27111	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	19.5	—	—	1	µg/L	Y	—	NQ	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.3	—	—	1	µg/L	Y	—	NQ	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	34.2	—	—	1	µg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	19.6	—	—	1	µg/L	Y	—	NQ	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.4	—	—	1	µg/L	Y	—	NQ	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	34.6	—	—	15	µg/L	Y	J	J	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	31.6	—	—	15	µg/L	Y	J	J	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	33.3	—	—	15	µg/L	Y	J	J	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.8	—	—	15	µg/L	Y	J	J	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	30.8	—	—	15	µg/L	Y	J	J	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.6	—	—	0.05	mg/L	Y	—	NQ	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	30.7	—	—	0.05	mg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	29.2	—	—	0.05	mg/L	Y	—	NQ	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	28.5	—	—	0.05	mg/L	Y	—	NQ	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.5	—	—	0.453	mg/L	Y	—	NQ	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.9	—	—	0.453	mg/L	Y	—	NQ	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	97.4	—	—	0.453	mg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96	—	—	0.45	mg/L	Y	—	NQ	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	91.7	—	—	0.45	mg/L	Y	—	NQ	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	1.84	—	—	0.0865	µg/L	Y	—	NQ	2013-1890	CAWA-13-40713	GELC
R-25 S4	1184.6	03/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.284	—	—	0.0909	µg/L	Y	UQ	U	2013-652	CAWA-13-28835	GELC
R-25 S4	1184.6	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.266	—	—	0.0851	µg/L	Y	UQ	U	12-1440	CAWA-12-17550	GELC
R-25 S4	1184.6	01/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.115	—	—	0.1	µg/L	Y	J	J	12-582	CAWA-12-1973	GELC
R-25 S4	1184.6	09/12/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	N	0.325	—	—	0.1	µg/L	Y	U	U	11-3557	CAWA-11-27111	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.12	—	—	0.11	mg/L	Y	—	NQ	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.27	—	—	0.11	mg/L	Y	—	NQ	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.01	—	—	0.11	mg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.61	—	—	0.11	mg/L	Y	—	NQ	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.02	—	—	0.11	mg/L	Y	—	NQ	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.05	—	—	0.3	µg/L	Y	—	NQ	2013-1890	CAWA-13-40713	GELC
R-25 S4	1184.6	03/20/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.16	—	—	0.3	µg/L	Y	—	NQ	2013-652	CAWA-13-28835	GELC
R-25 S4	1184.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	0.94	—	—	0.3	µg/L	Y	J	J	12-1440	CAWA-12-17550	GELC
R-25 S4	1184.6	01/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.03	—	—	0.25	µg/L	Y	—	NQ	12-582	CAWA-12-1973	GELC
R-25 S4	1184.6	09/12/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	Y	1.2	—	—	0.25	µg/L	Y	—	NQ	11-3557	CAWA-11-27111	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.47	—	—	0.5	µg/L	Y	—	NQ	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.96	—	—	0.5	µg/L	Y	J	U	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.54	—	—	0.5	µg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.3	—	—	0.5	µg/L	Y	J	J	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.71	—	—	0.5	µg/L	Y	—	NQ	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.693	—	—	0.05	mg/L	Y	—	NQ	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.773	—	—	0.05	mg/L	Y	—	NQ	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.82	—	—	0.05	mg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.789	—	—	0.05	mg/L	Y	—	NQ	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.736	—	—	0.05	mg/L	Y	—	NQ	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	23.2	—	—	0.432	µg/L	Y	—	NQ	2013-1890	CAWA-13-40713	GELC
R-25 S4	1184.6	03/20/13	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	19.2	—	—	0.227	µg/L	Y	—	NQ	2013-652	CAWA-13-28835	GELC
R-25 S4	1184.6	07/19/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	15.9	—	—	0.426	µg/L	Y	—	NQ	12-1440	CAWA-12-17550	GELC
R-25 S4	1184.6	01/12/12	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	20.6	—	—	0.26	µg/L	Y	—	NQ	12-582	CAWA-12-1973	GELC
R-25 S4	1184.6	09/12/11	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	18.5	—	—	0.26	µg/L	Y	—	NQ	11-3557	CAWA-11-27111	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.65	—	—	0.1	mg/L	Y	—	NQ	2013-1890	CAWA-13-40731	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.27	—	—	0.1	mg/L	Y	—	NQ	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.9	—	—	0.1	mg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.69	—	—	0.1	mg/L	Y	—	NQ	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.22	—	—	0.1	mg/L	Y	—	NQ	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	98.2	—	—	1	µg/L	Y	—	NQ	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	119	—	—	1	µg/L	Y	—	NQ	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	123	—	—	1	µg/L	Y	—	NQ	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.33	—	—	0.3	µg/L	Y	J	J	2013-1890	CAWA-13-40713	GELC
R-25 S4	1184.6	03/20/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	2013-652	CAWA-13-28835	GELC
R-25 S4	1184.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	12-1440	CAWA-12-17550	GELC
R-25 S4	1184.6	01/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.31	—	—	0.3	µg/L	Y	J	J	12-582	CAWA-12-1973	GELC
R-25 S4	1184.6	09/12/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1	—	—	0.3	µg/L	Y	—	NQ	11-3557	CAWA-11-27111	GELC
R-25 S4	1184.6	09/12/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.39	—	—	0.3	µg/L	Y	J	J	2013-1890	CAWA-13-40713	GELC
R-25 S4	1184.6	03/20/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.38	—	—	0.3	µg/L	Y	J	J	2013-652	CAWA-13-28835	GELC
R-25 S4	1184.6	07/19/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.31	—	—	0.3	µg/L	Y	J	J	12-1440	CAWA-12-17550	GELC
R-25 S4	1184.6	01/12/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	1	—	—	0.25	µg/L	Y	U	U	12-582	CAWA-12-1973	GELC
R-25 S4	1184.6	09/12/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.69	—	—	0.25	µg/L	Y	J	J	11-3557	CAWA-11-27111	GELC
R-25 S4	1184.6	09/12/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	Y	0.315	—	—	0.0865	µg/L	Y	—	NQ	2013-1890	CAWA-13-40713	GELC
R-25 S4	1184.6	03/20/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.284	—	—	0.0909	µg/L	Y	U	U	2013-652	CAWA-13-28835	GELC
R-25 S4	1184.6	07/19/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.266	—	—	0.0851	µg/L	Y	U	U	12-1440	CAWA-12-17550	GELC
R-25 S4	1184.6	01/12/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.325	—	—	0.1	µg/L	Y	U	U	12-582	CAWA-12-1973	GELC
R-25 S4	1184.6	09/12/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	Trinitrobenzene[1,3,5-]	99-35-4	N	0.325	—	—	0.1	µg/L	Y	U	U	11-3557	CAWA-11-27111	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.614	—	—	0.067	µg/L	Y	—	NQ	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.516	—	—	0.067	µg/L	Y	—	NQ	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.225	—	—	0.067	µg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.741	—	—	0.067	µg/L	Y	—	NQ	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.702	—	—	0.067	µg/L	Y	—	NQ	11-3558	CAWA-11-27109	GELC
R-25 S4	1184.6	09/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.67	—	—	3.3	µg/L	Y	J	J	2013-1890	CAWA-13-40731	GELC
R-25 S4	1184.6	03/20/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	12.6	—	—	3.3	µg/L	Y	—	NQ	2013-652	CAWA-13-28861	GELC
R-25 S4	1184.6	07/19/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	10.8	—	—	3.3	µg/L	Y	—	NQ	12-1440	CAWA-12-17569	GELC
R-25 S4	1184.6	01/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.42	—	—	3.3	µg/L	Y	J	J	12-584	CAWA-12-1974	GELC
R-25 S4	1184.6	09/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.82	—	—	3.3	µg/L	Y	J	J	11-3558	CAWA-11-27109	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	J-	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	J-	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.1	—	—	0.725	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	123	—	—	0.725	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	0.725	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.5	—	—	0.73	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	0.73	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.095	—	—	0.017	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.109	—	—	0.017	mg/L	Y	—	J	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0178	—	—	0.016	mg/L	Y	J	J	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	9.83	—	—	1	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	10.4	—	—	1	µg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	N	14.8	—	—	1	µg/L	Y	—	U	12-1446	CAWA-12-21593	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	11.2	—	—	1	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	11.8	—	—	1	µg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.6	—	—	15	µg/L	Y	J	J	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.9	—	—	15	µg/L	Y	J	J	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.94	—	—	0.067	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.067	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.87	—	—	0.067	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.066	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.07	—	—	0.066	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0948	—	—	0.033	mg/L	Y	J	J	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.1	—	—	0.033	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.112	—	—	0.033	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	—	0.033	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.9	—	—	0.453	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.6	—	—	0.453	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.45	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.1	—	—	0.45	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.271	—	—	0.087	µg/L	Y	J	J	2013-1840	CAWA-13-40714	GELC
R-25b	750	03/21/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.337	—	—	0.0879	µg/L	Y	Q	NQ	2013-655	CAWA-13-28839	GELC
R-25b	750	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.312	—	—	0.0851	µg/L	Y	—	NQ	12-1446	CAWA-12-21591	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.57	—	—	0.1	µg/L	Y	—	NQ	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	HMX	2691-41-0	Y	0.625	—	—	0.1	µg/L	Y	—	NQ	11-3608	CAWA-11-27115	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.02	—	—	0.11	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.4	—	—	0.11	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.73	—	—	0.11	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.9	—	—	0.11	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.76	—	—	0.11	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.951	—	—	0.5	µg/L	Y	J	J	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.16	—	—	0.5	µg/L	Y	J	U	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.654	—	—	0.5	µg/L	Y	J	J	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.28	—	—	0.5	µg/L	Y	J	J	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.5	µg/L	Y	J	J	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.625	—	—	0.017	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.679	—	—	0.017	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.825	—	—	0.085	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.463	—	—	0.01	mg/L	Y	—	J+	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.69	—	—	0.05	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	J	11-3609	CAWA-11-27113	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	09/10/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	3.85	—	—	0.087	µg/L	Y	—	NQ	2013-1840	CAWA-13-40714	GELC
R-25b	750	03/21/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.96	—	—	0.0879	µg/L	Y	—	NQ	2013-655	CAWA-13-28839	GELC
R-25b	750	07/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	4.29	—	—	0.0851	µg/L	Y	—	NQ	12-1446	CAWA-12-21591	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	7.24	—	—	0.1	µg/L	Y	—	NQ	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	8.16	—	—	0.1	µg/L	Y	—	NQ	11-3608	CAWA-11-27115	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.2	—	—	0.053	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.1	—	—	0.053	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.2	—	—	0.053	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	56.3	—	—	0.053	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	54.5	—	—	0.053	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.32	—	—	0.1	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.45	—	—	0.1	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µS/cm	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	69.5	—	—	1	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.7	—	—	1	µg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.1	—	—	1	µg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.3	—	—	1	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66.6	—	—	1	µg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.78	—	—	0.133	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.11	—	—	0.133	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.42	—	—	0.133	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.79	—	—	0.1	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.13	—	—	0.1	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.38	—	—	0.3	µg/L	Y	J	J	2013-1840	CAWA-13-40714	GELC
R-25b	750	03/21/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	2013-655	CAWA-13-28839	GELC
R-25b	750	07/23/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	12-1446	CAWA-12-21591	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1	—	—	0.3	µg/L	Y	U	U	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.32	—	—	0.3	µg/L	Y	J	J	11-3608	CAWA-11-27115	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	32.9	—	—	3.4	mg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	87.1	—	—	3.4	mg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.822	—	—	0.33	mg/L	Y	J	J	2013-1840	CAWA-13-40714	GELC
R-25b	750	03/21/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.519	—	—	0.33	mg/L	Y	J	J	2013-655	CAWA-13-28839	GELC
R-25b	750	07/23/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.34	—	—	0.33	mg/L	Y	—	NQ	12-1446	CAWA-12-21591	GELC
R-25b	750	01/23/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.791	—	—	0.33	mg/L	Y	J	J	12-639	CAWA-12-1978	GELC
R-25b	750	09/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.598	—	—	0.33	mg/L	Y	J	U	11-3609	CAWA-11-27115	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	03/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0195	—	—	0.017	mg/L	Y	J	J	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0428	—	—	0.017	mg/L	Y	J	J	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.126	—	—	0.015	mg/L	Y	—	U	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.143	—	—	0.015	mg/L	Y	—	U	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.353	—	—	0.067	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.442	—	—	0.067	µg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.971	—	—	0.067	µg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.11	—	—	0.067	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.43	—	—	0.067	µg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.35	—	—	1	µg/L	Y	J	J	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.73	—	—	1	µg/L	Y	J	J	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.26	—	—	1	µg/L	Y	J	J	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.76	—	—	1	µg/L	Y	J	J	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.39	—	—	1	µg/L	Y	J	J	11-3609	CAWA-11-27113	GELC
R-25b	750	09/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16.4	—	—	3.3	µg/L	Y	—	NQ	2013-1840	CAWA-13-40732	GELC
R-25b	750	03/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	17.2	—	—	3.3	µg/L	Y	—	NQ	2013-655	CAWA-13-28865	GELC
R-25b	750	07/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	19.2	—	—	3.3	µg/L	Y	—	NQ	12-1446	CAWA-12-21593	GELC
R-25b	750	01/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	13.9	—	—	3.3	µg/L	Y	—	NQ	12-639	CAWA-12-1977	GELC
R-25b	750	09/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	34.7	—	—	3.3	µg/L	Y	—	NQ	11-3609	CAWA-11-27113	GELC
R-26 PZ-2	150	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.68	—	—	3	µg/L	Y	J	J	2013-1802	CAWA-13-40715	GELC
R-26 PZ-2	150	03/15/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2013-637	CAWA-13-28840	GELC
R-26 PZ-2	150	07/16/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	12-1428	CAWA-12-17552	GELC
R-26 PZ-2	150	01/26/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	U	12-674	CAWA-12-1980	GELC
R-26 PZ-2	150	09/19/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	11-3642	CAWA-11-27097	GELC
R-26 PZ-2	150	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.41	—	—	0.3	µg/L	Y	—	NQ	2013-1802	CAWA-13-40715	GELC
R-26 PZ-2	150	03/15/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.44	—	—	0.3	µg/L	Y	—	NQ	2013-637	CAWA-13-28840	GELC
R-26 PZ-2	150	07/16/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.41	—	—	0.3	µg/L	Y	—	NQ	12-1428	CAWA-12-17552	GELC
R-26 PZ-2	150	01/26/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.48	—	—	0.3	µg/L	Y	—	NQ	12-674	CAWA-12-1980	GELC
R-26 PZ-2	150	09/19/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	1.28	—	—	0.3	µg/L	Y	—	NQ	11-3642	CAWA-11-27097	GELC
R-26 PZ-2	150	09/04/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.36	—	—	0.3	µg/L	Y	J	J	2013-1802	CAWA-13-40715	GELC
R-26 PZ-2	150	03/15/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	U	U	2013-637	CAWA-13-28840	GELC
R-26 PZ-2	150	07/16/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	U	U	12-1428	CAWA-12-17552	GELC
R-26 PZ-2	150	01/26/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.25	µg/L	Y	U	U	12-674	CAWA-12-1980	GELC
R-26 PZ-2	150	09/19/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.25	µg/L	Y	U	U	11-3642	CAWA-11-27097	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	0.01	SU	Y	H	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	J-	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.2	—	—	0.725	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.9	—	—	0.725	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.8	—	—	0.725	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.7	—	—	0.725	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.7	—	—	0.73	mg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.113	—	—	0.017	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.143	—	—	0.017	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0655	—	—	0.017	mg/L	Y	—	U	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	12.4	—	—	1	µg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	13.1	—	—	1	µg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	N	15.8	—	—	1	µg/L	Y	—	U	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	13.4	—	—	1	µg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	14.8	—	—	1	µg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-1191	CAWA-12-13005	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.63	—	—	0.05	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10	—	—	0.05	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.74	—	—	0.05	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.09	—	—	0.067	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.11	—	—	0.067	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.15	—	—	0.067	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.13	—	—	0.067	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.19	—	—	0.066	mg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0738	—	—	0.033	mg/L	Y	J	J	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.089	—	—	0.033	mg/L	Y	J	J	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.111	—	—	0.033	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	—	0.033	mg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.4	—	—	0.453	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.7	—	—	0.453	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38	—	—	0.453	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.8	—	—	0.453	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.45	mg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.04	—	—	0.11	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.12	—	—	0.11	mg/L	Y	—	NQ	12-627	CAWA-12-2015	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	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.881	—	—	0.5	µg/L	Y	J	U	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.431	—	—	0.017	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.434	—	—	0.017	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.521	—	—	0.17	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.422	—	—	0.085	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.352	—	—	0.05	mg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.886	—	—	0.05	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.87	—	—	0.05	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.82	—	—	0.05	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.79	—	—	0.05	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.775	—	—	0.05	mg/L	Y	—	J	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.21	—	—	0.0842	µg/L	Y	—	NQ	2013-1830	CAWA-13-40716	GELC
R-63	1325	03/13/13	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.44	—	—	0.0865	µg/L	Y	—	NQ	2013-624	CAWA-13-28844	GELC
R-63	1325	07/24/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.25	—	—	0.086	µg/L	Y	—	NQ	12-1449	CAWA-12-17554	GELC
R-63	1325	04/04/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.47	—	—	0.0889	µg/L	Y	—	NQ	12-1191	CAWA-12-13004	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8321A_MOD	RDX	121-82-4	Y	1.45	—	—	0.1	µg/L	Y	—	NQ	12-627	CAWA-12-2016	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	58.3	—	—	0.053	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.5	—	—	0.053	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.5	—	—	0.053	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.5	—	—	0.053	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.9	—	—	0.053	mg/L	Y	—	NQ	12-627	CAWA-12-2015	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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.47	—	—	0.1	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.89	—	—	0.1	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.06	—	—	0.1	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	8.5	—	—	0.1	mg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	1	µS/cm	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	104	—	—	1	µS/cm	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	1	µS/cm	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	1	µS/cm	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	1	µS/cm	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48	—	—	1	µg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.2	—	—	1	µg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.7	—	—	1	µg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.1	—	—	1	µg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.14	—	—	0.133	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.22	—	—	0.133	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.22	—	—	0.133	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	—	0.133	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.36	—	—	0.1	mg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	80	—	—	3.4	mg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	87.1	—	—	3.4	mg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.647	—	—	0.33	mg/L	Y	J	J	2013-1830	CAWA-13-40716	GELC
R-63	1325	03/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.879	—	—	0.33	mg/L	Y	J	J	2013-624	CAWA-13-28844	GELC
R-63	1325	07/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.07	—	—	0.33	mg/L	Y	—	NQ	12-1449	CAWA-12-17554	GELC
R-63	1325	04/04/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.619	—	—	0.33	mg/L	Y	J	J	12-1191	CAWA-12-13004	GELC
R-63	1325	01/20/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.621	—	—	0.33	mg/L	Y	J	J	12-627	CAWA-12-2016	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.315	—	—	0.067	µg/L	Y	—	NQ	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.383	—	—	0.067	µg/L	Y	—	NQ	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.405	—	—	0.067	µg/L	Y	—	NQ	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.366	—	—	0.067	µg/L	Y	—	NQ	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.362	—	—	0.067	µg/L	Y	—	NQ	12-627	CAWA-12-2015	GELC
R-63	1325	09/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.49	—	—	1	µg/L	Y	J	J	2013-1830	CAWA-13-40734	GELC
R-63	1325	03/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.97	—	—	1	µg/L	Y	J	J	2013-624	CAWA-13-28870	GELC
R-63	1325	07/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.87	—	—	1	µg/L	Y	J	J	12-1449	CAWA-12-17573	GELC
R-63	1325	04/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.33	—	—	1	µg/L	Y	J	J	12-1191	CAWA-12-13005	GELC
R-63	1325	01/20/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.31	—	—	1	µg/L	Y	J	J	12-627	CAWA-12-2015	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Levels

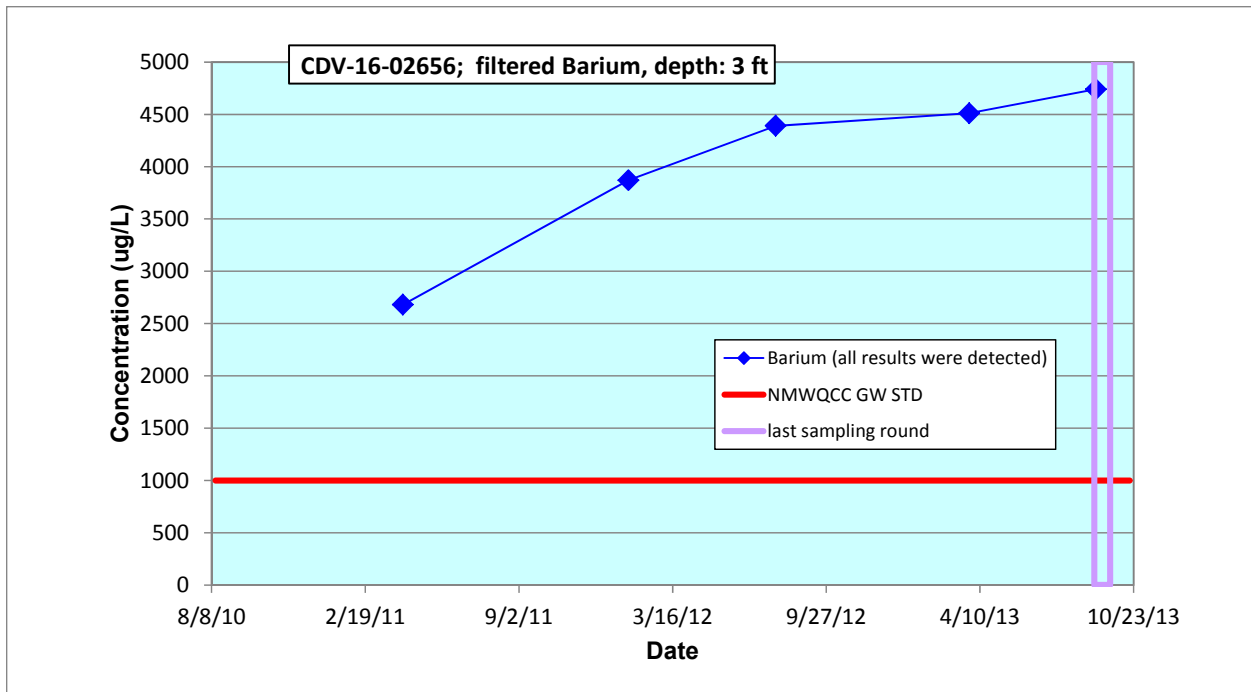
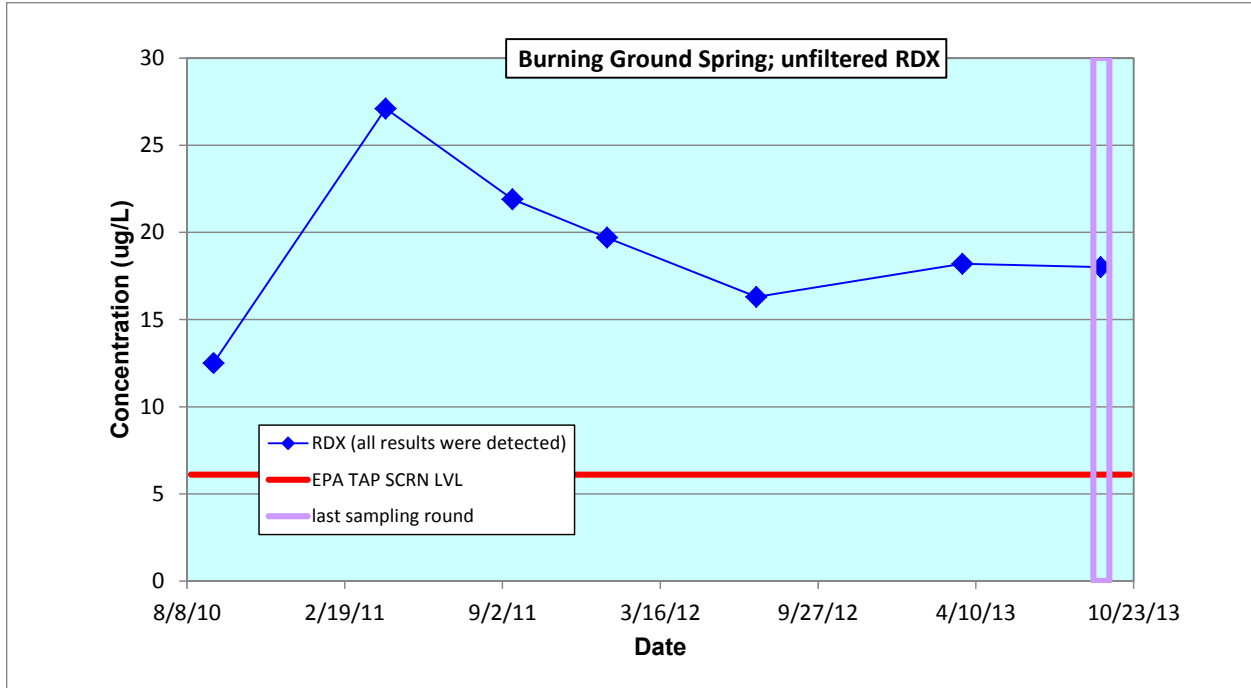
Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Level	Reporting Level Code	Result/Screening Level
Intermediate Spring	Martin Spring	— ^a	09/17/13	Metals	Aluminum	Al	F ^b	INIT ^c	REG ^d	Y ^e	2740	68	µg/L	1	—	NQ ^f	NQ	Y	SW-846:6010B	GELC ^g	5000	NMWQCC GW STD ^h	0.55
Alluvial	CDV-16-02656	3	09/05/13	Metals	Barium	Ba	F	INIT	REG	Y	4740	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	1000	NMWQCC GW STD	4.74
Alluvial	CDV-16-02659	1.7	09/20/13	Metals	Barium	Ba	F	INIT	REG	Y	7440	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	1000	NMWQCC GW STD	7.44
Alluvial	FLC-16-25280	2.6	09/23/13	Metals	Barium	Ba	F	INIT	REG	Y	677	1	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	1000	NMWQCC GW STD	0.68
Intermediate Spring	Martin Spring	—	09/17/13	Metals	Boron	B	F	INIT	REG	Y	647	15	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	750	NMWQCC GW STD	0.86
Alluvial	FLC-16-25280	2.6	09/23/13	Metals	Iron	Fe	F	INIT	REG	Y	2040	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	1000	NMWQCC GW STD	2.04
Intermediate Spring	Martin Spring	—	09/17/13	Metals	Iron	Fe	F	INIT	REG	Y	1860	30	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	1000	NMWQCC GW STD	1.86
Alluvial	FLC-16-25280	2.6	09/23/13	Metals	Manganese	Mn	F	INIT	REG	Y	345	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	200	NMWQCC GW STD	1.73
Regional	CdV-R-37-2 S2	1188.7	09/20/13	Metals	Manganese	Mn	F	INIT	REG	Y	183	2	µg/L	1	—	NQ	NQ	Y	SW-846:6010B	GELC	200	NMWQCC GW STD	0.92
Alluvial	CDV-16-02659	1.7	09/20/13	High Explosives	RDX ⁱ	121-82-4	UF ^j	DL ^k	REG	Y	15.1	2.17	µg/L	50	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL ^l	2.48
Alluvial	FLC-16-25280	2.6	09/23/13	High Explosives	RDX	121-82-4	UF	INIT	REG	Y	4.76	0.0879	µg/L	2	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	0.78
Intermediate	CdV-16-1(i)	624	09/11/13	High Explosives	RDX	121-82-4	UF	DL	REG	Y	22.2	0.426	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	3.64
Intermediate	CdV-16-2(i)r	850	09/04/13	High Explosives	RDX	121-82-4	UF	DL	REG	Y	94.5	2.11	µg/L	50	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	15.49
Intermediate	CDV-16-4ip S1	815.6	06/13/13	High Explosives	RDX	121-82-4	UF	DL	REG	Y	122	2.04	µg/L	50	Q ^m	J+ ⁿ	HE12f ^o	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	20.00
Intermediate	CDV-16-4ip S1	815.6	09/19/13	High Explosives	RDX	121-82-4	UF	DL	FD ^p	Y	162	4.6	µg/L	100	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	26.56
Intermediate	CDV-16-4ip S1	815.6	09/19/13	High Explosives	RDX	121-82-4	UF	DL	REG	Y	134	4.55	µg/L	100	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	21.97
Intermediate	R-25 S1	737.6	09/10/13	High Explosives	RDX	121-82-4	UF	DL	REG	Y	24.7	0.408	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	4.05
Intermediate	R-25 S2	882.6	09/11/13	High Explosives	RDX	121-82-4	UF	INIT	REG	Y	6.31	0.0842	µg/L	2	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	1.03
Intermediate	R-25 S4	1184.6	09/12/13	High Explosives	RDX	121-82-4	UF	DL	REG	Y	23.2	0.432	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	3.80
Intermediate	R-25b	750	09/10/13	High Explosives	RDX	121-82-4	UF	INIT	REG	Y	3.85	0.087	µg/L	2	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	0.63
Intermediate Spring	Bulldog Spring	—	09/17/13	High Explosives	RDX	121-82-4	UF	INIT	REG	Y	4.6	0.0889	µg/L	2	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	0.75
Intermediate Spring	Burning Ground Spring	—	09/12/13	High Explosives	RDX	121-82-4	UF	DL	REG	Y	18	0.226	µg/L	5	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	2.95
Intermediate Spring	Martin Spring	—	09/17/13	High Explosives	RDX	121-82-4	UF	DL	REG	Y	27.7	0.44	µg/L	10	—	NQ	NQ	Y	SW-846:8321A_MOD	GELC	6.1	EPA TAP SCRNLVL	4.54

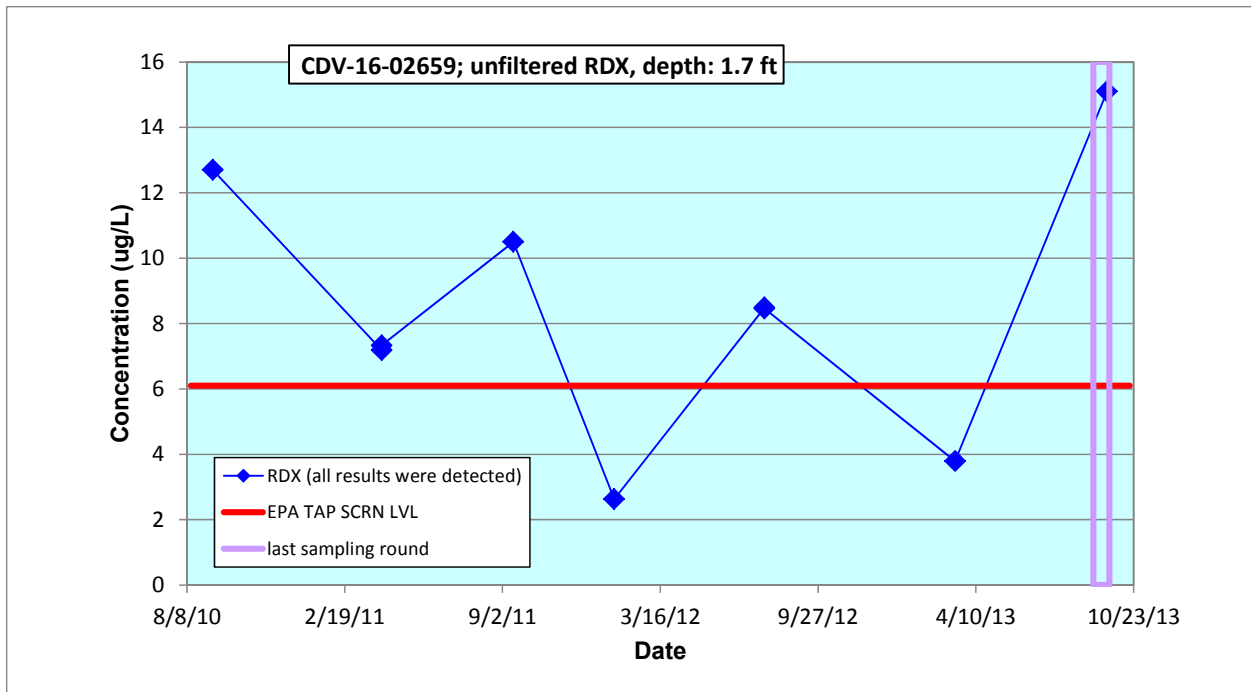
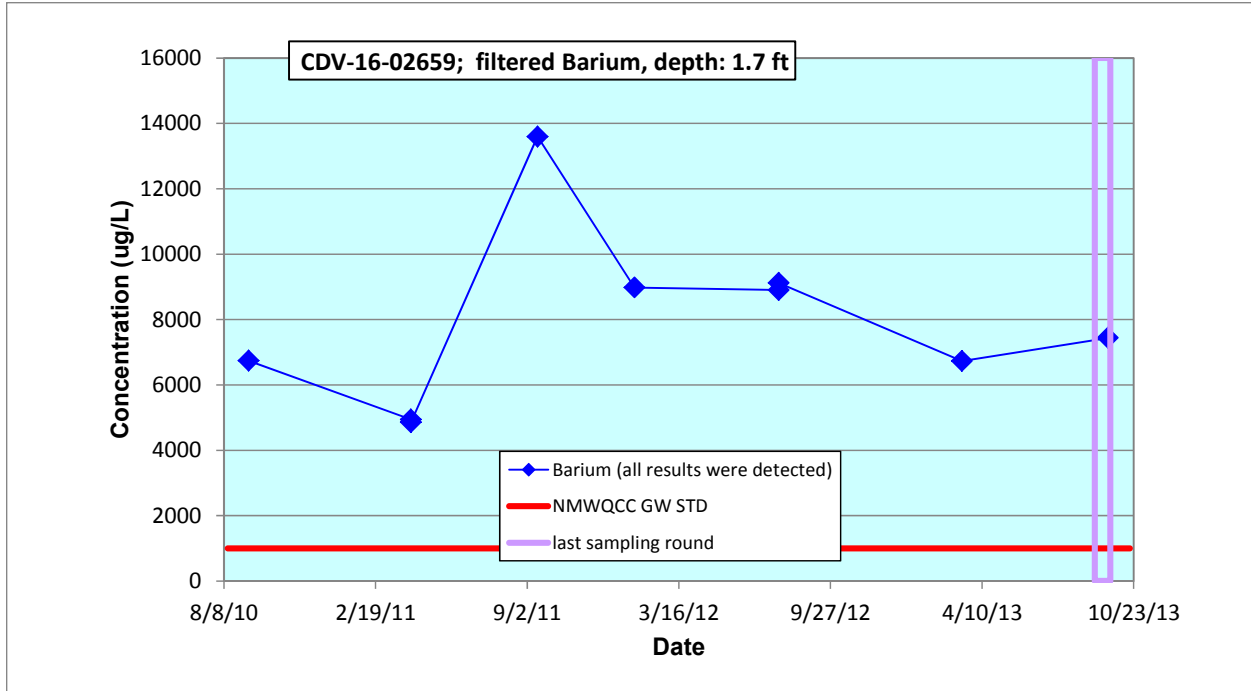
Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Level	Reporting Level Code	Result/Screening Level
Alluvial	FLC-16-25280	2.6	09/23/13	VOC ^q	Tetrachloroethene	127-18-4	UF	INIT	REG	Y	15.6	0.3	µg/L	1	H	NQ	NQ	Y	SW-846:8260B	GELC	5	EPA MCL ^r	3.12
Alluvial	FLC-16-25280	2.6	09/23/13	VOC	Trichloroethene	79-01-6	UF	INIT	REG	Y	2.97	0.3	µg/L	1	H	NQ	NQ	Y	SW-846:8260B	GELC	5	EPA MCL	0.59

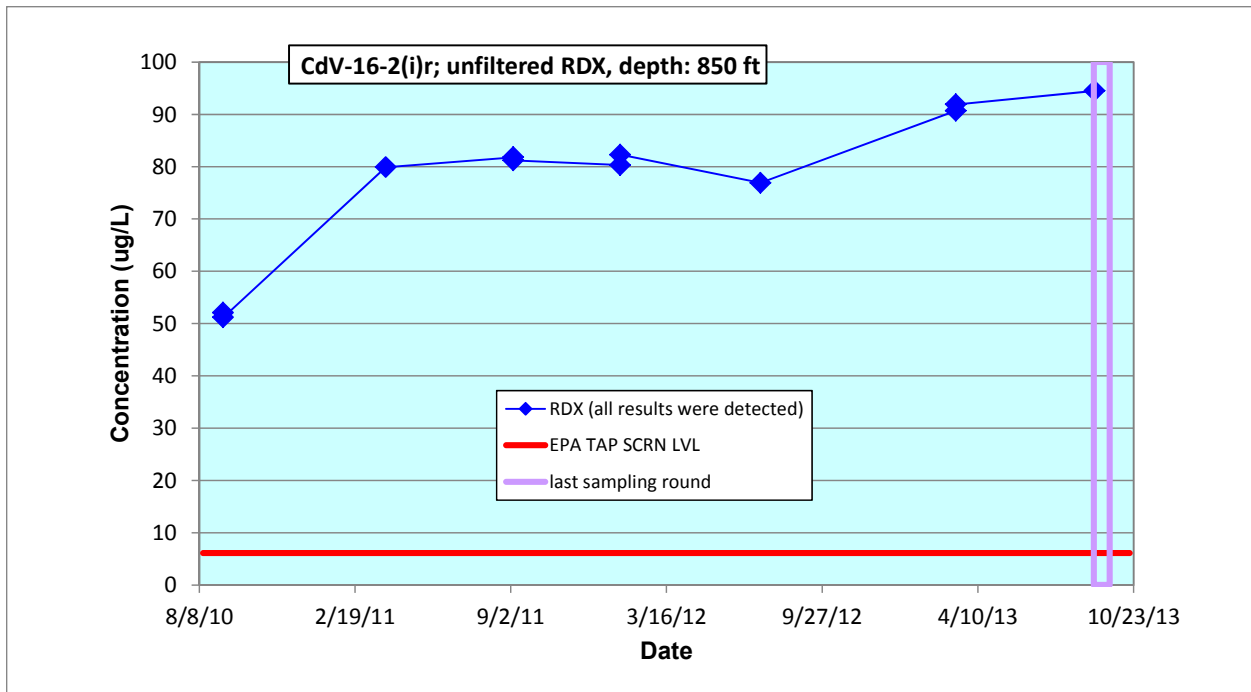
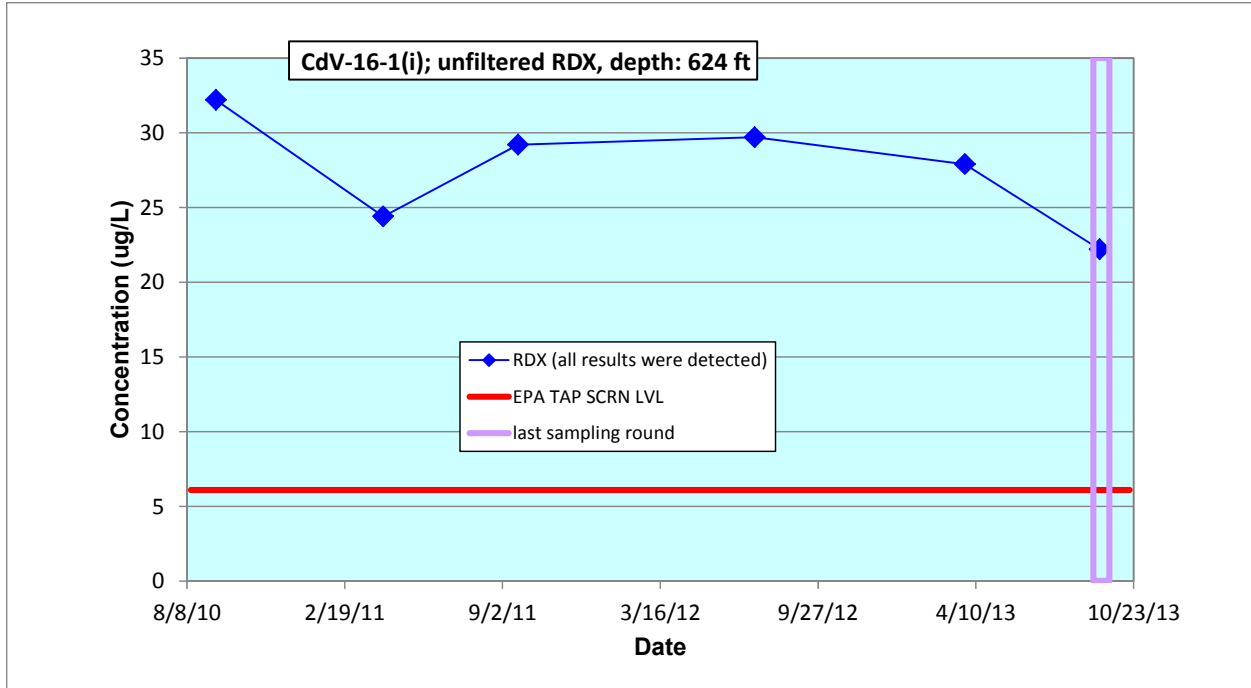
^a — = None.
^b F = Filtered.
^c INIT = Initial.
^d REG = Regular.
^e Y = Yes.
^f NQ = Not qualified.
^g GELC = General Engineering Laboratories, Inc., Charleston, SC.
^h NMWQCC GW STD = New Mexico Water Quality Control Commission groundwater standard.
ⁱ RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine.
^j UF = Unfiltered.
^k DL = Dilution.
^l EPA TAP SCRNLVL = U.S. Environmental Protection Agency regional screening level for tap water.
^m Q = One or more quality control criteria have not been met. Refer to the applicable narrative or data exception report.
ⁿ 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.
^o HE12f = If the matrix spike/matrix spike duplicate percent recovery was >130%, qualify all associated detects as J+.
^p FD = Field duplicate.
^q VOC = Volatile organic compound.
^r EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.

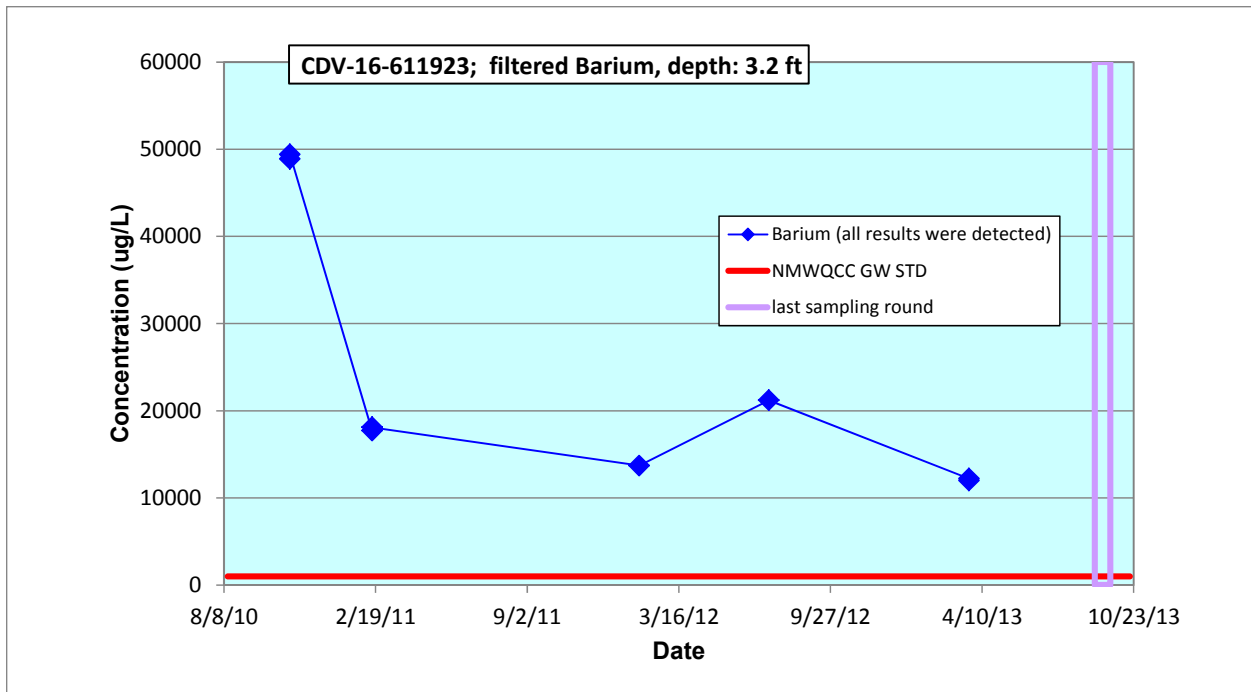
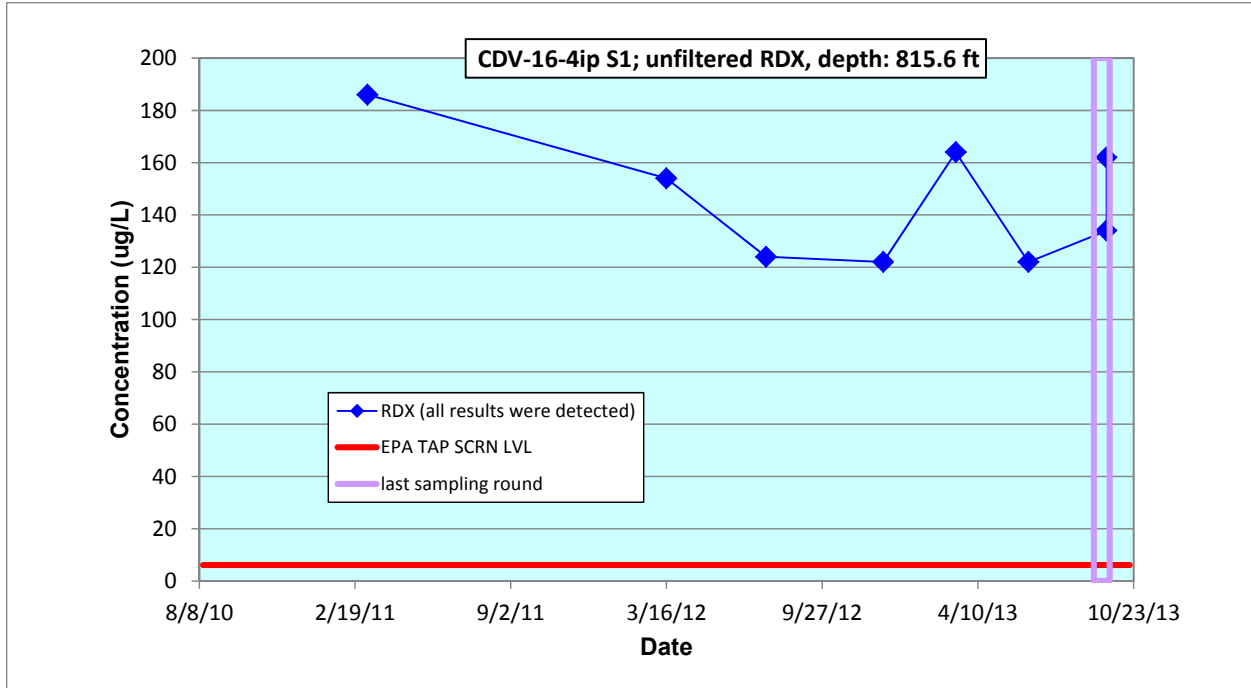
Appendix E

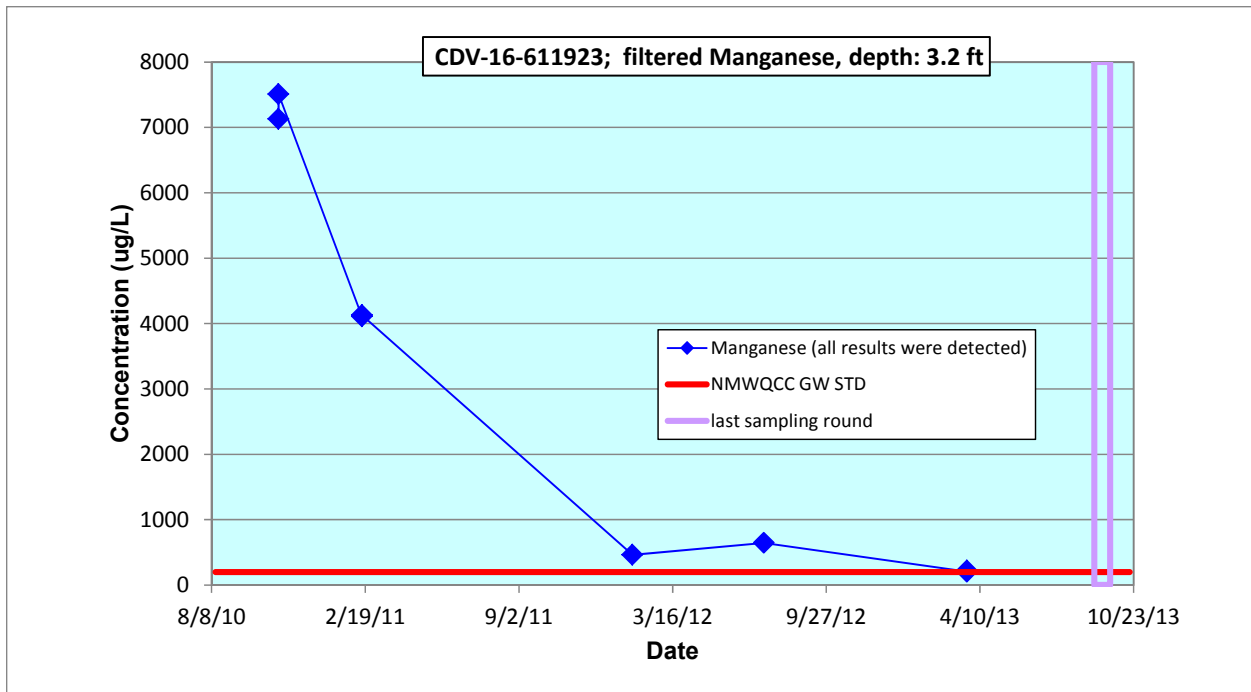
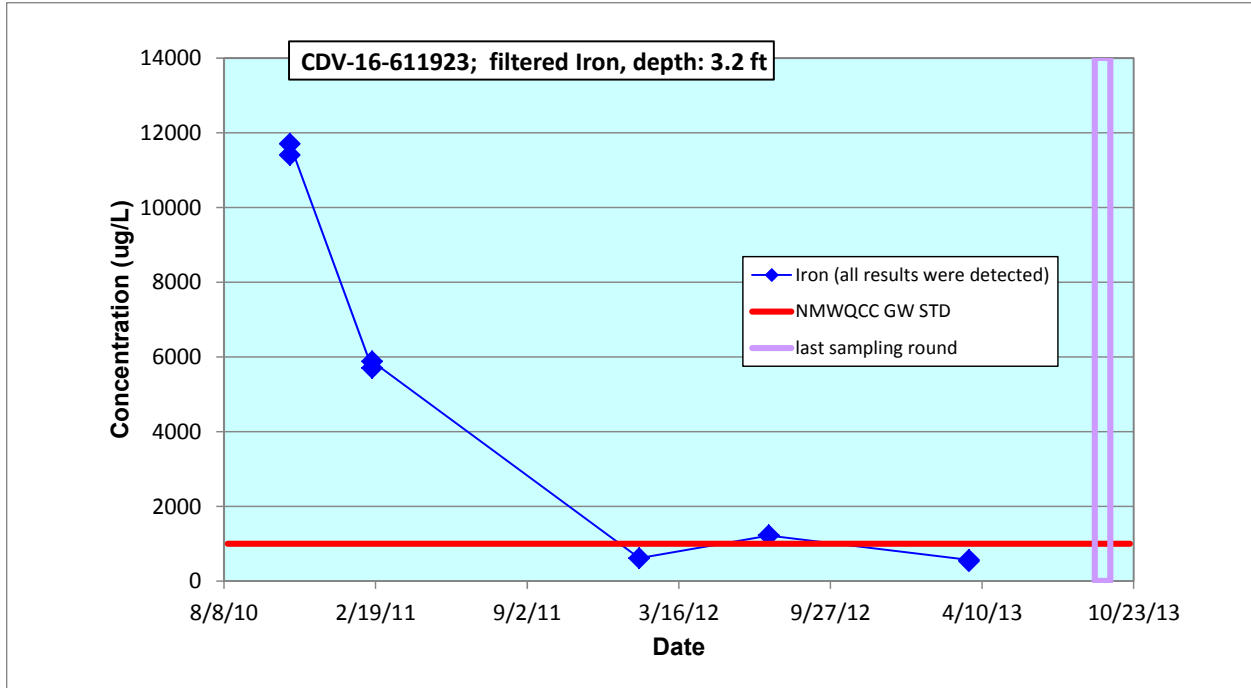
Analytical Chemistry Graphs of Screening-Level Exceedances

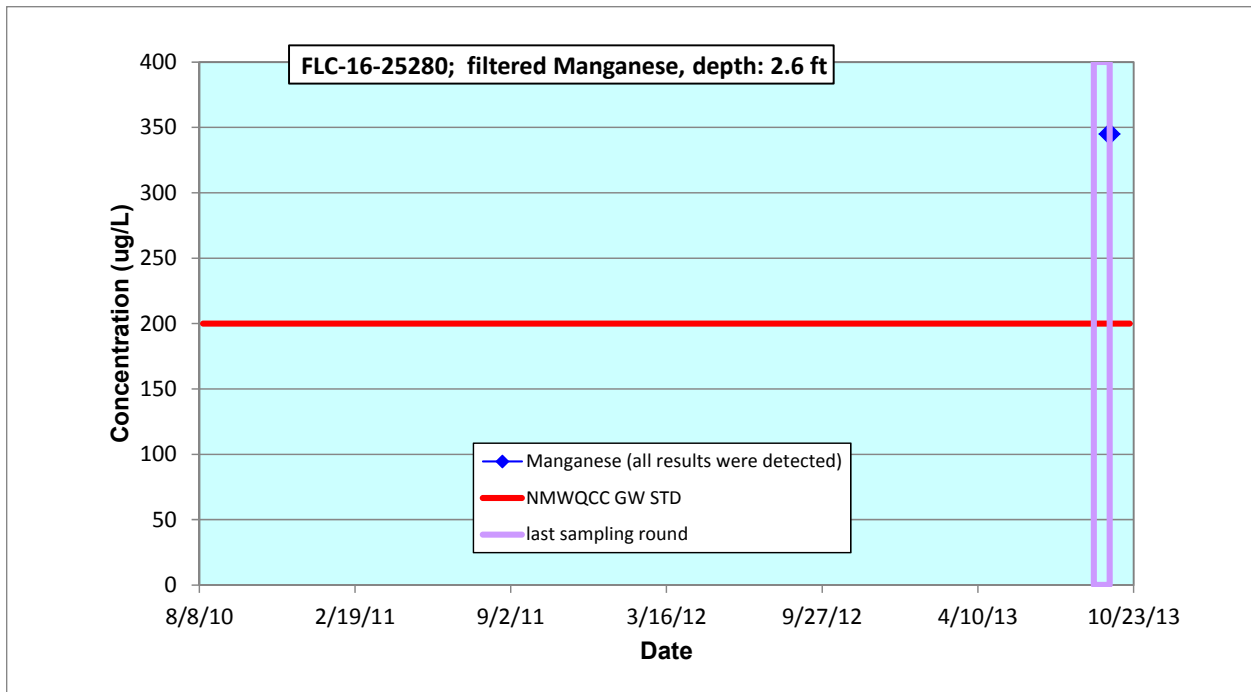
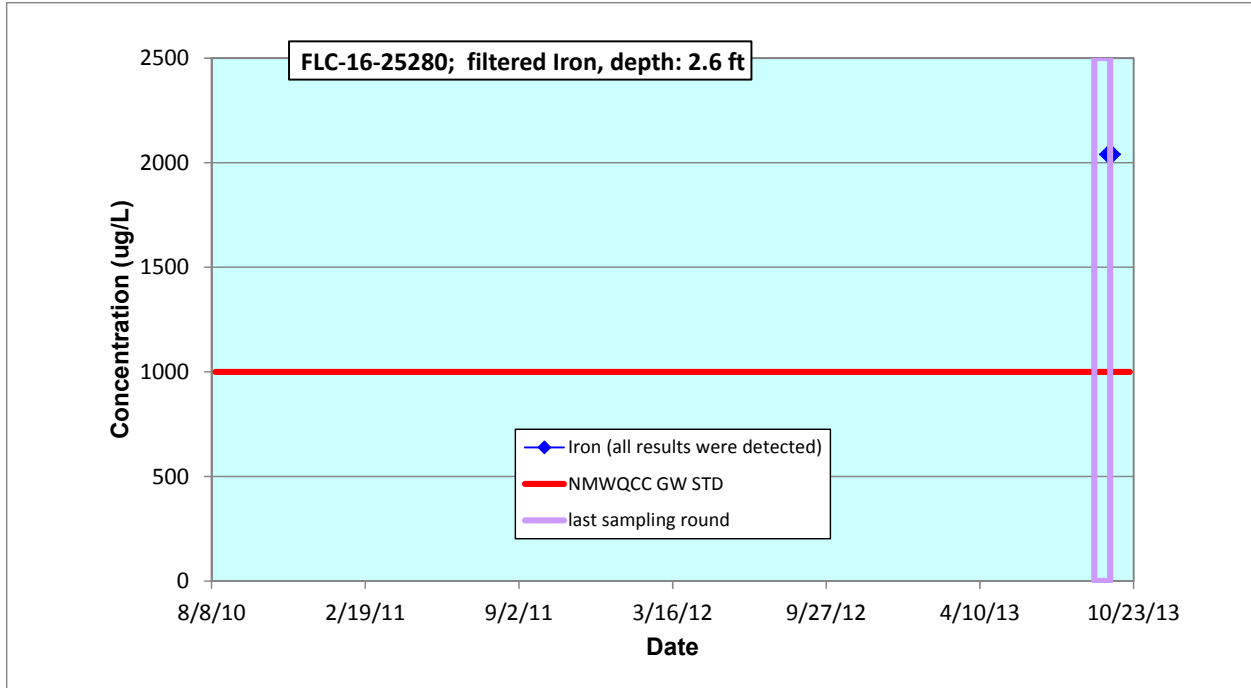


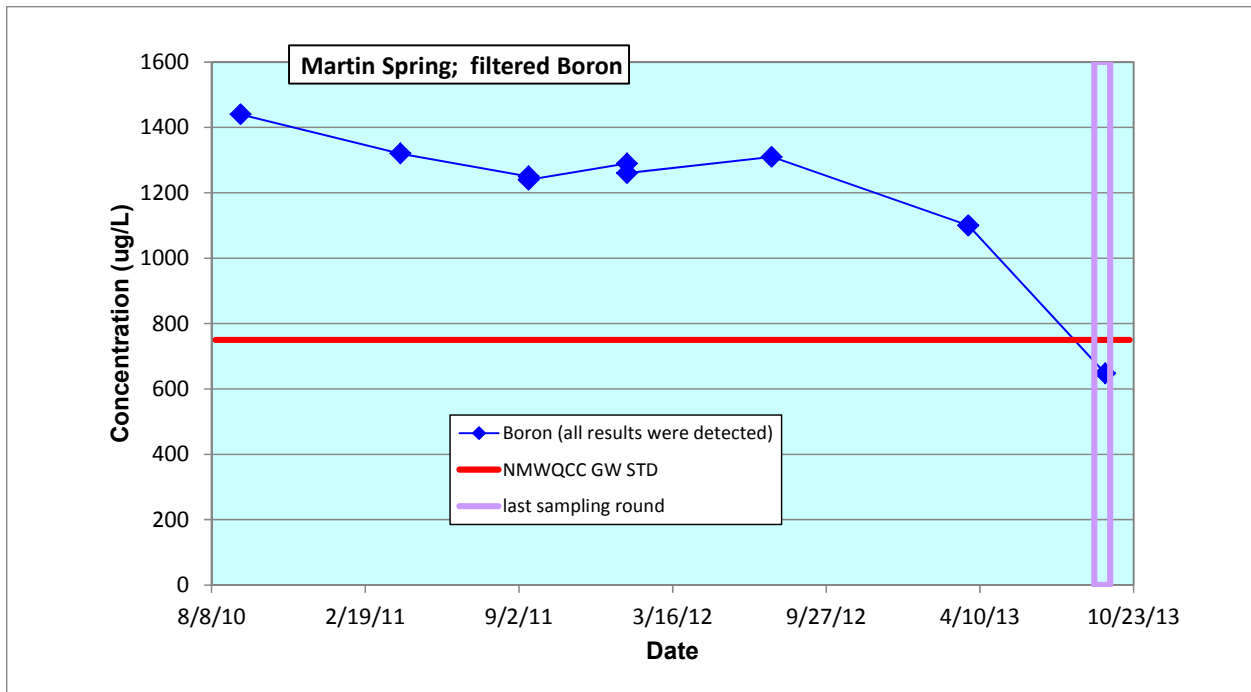
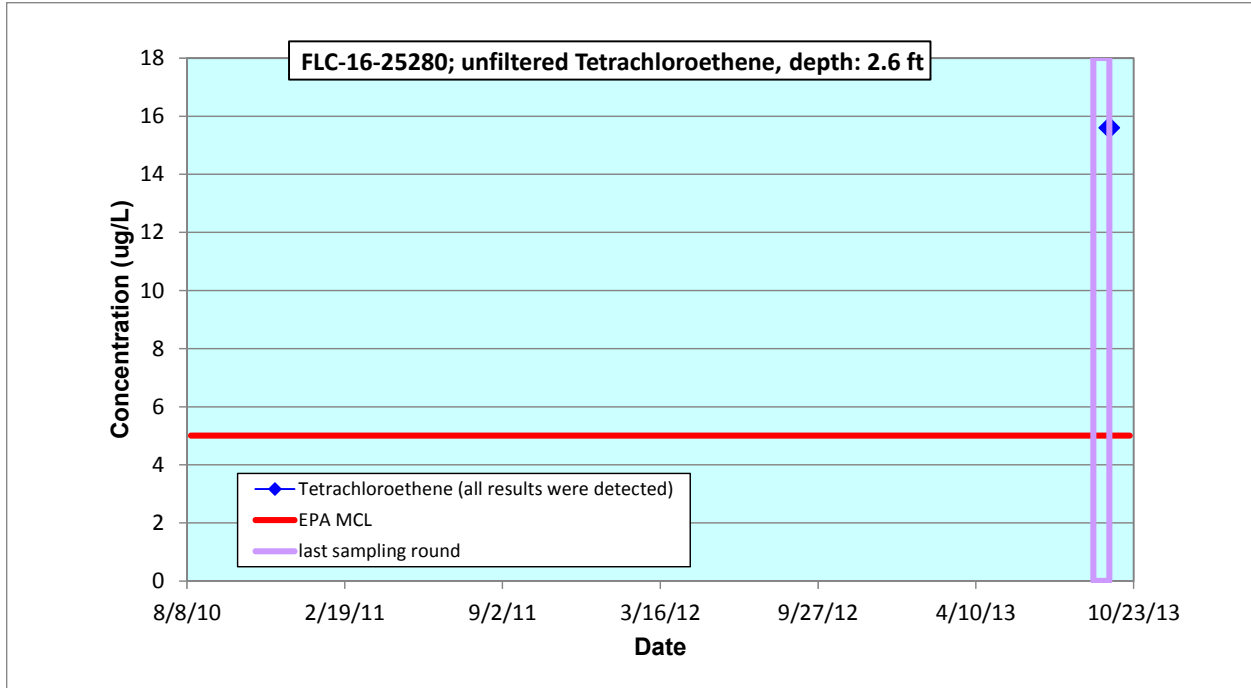


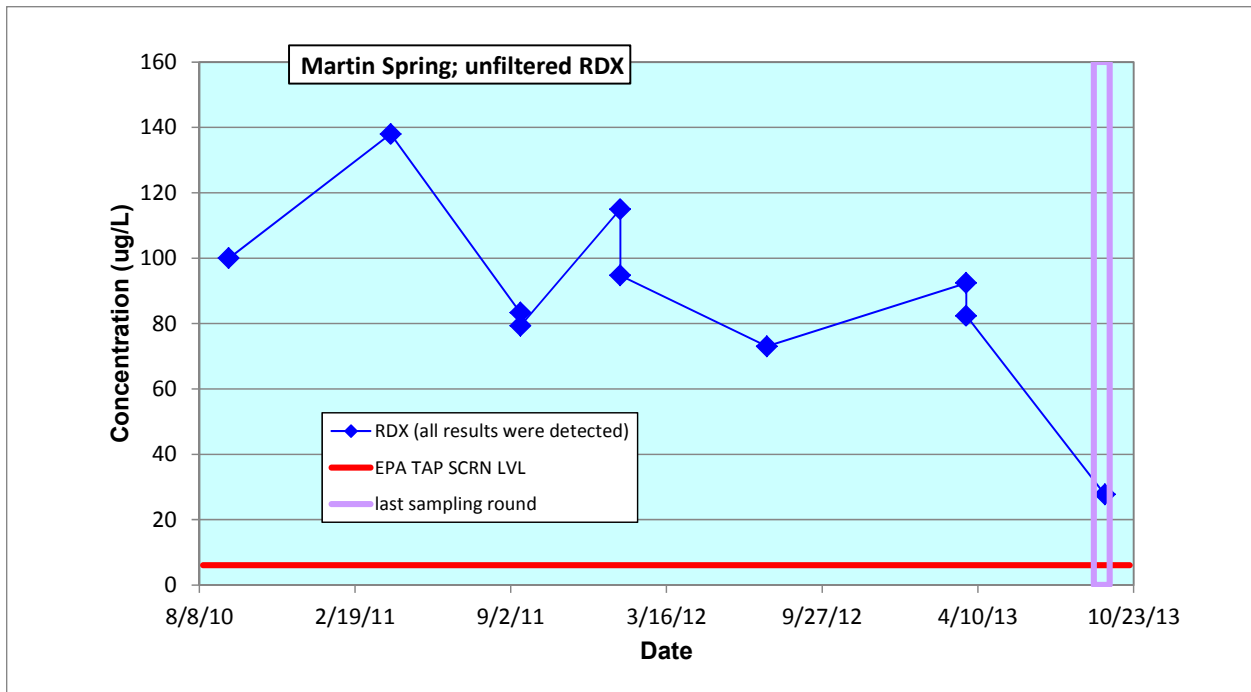
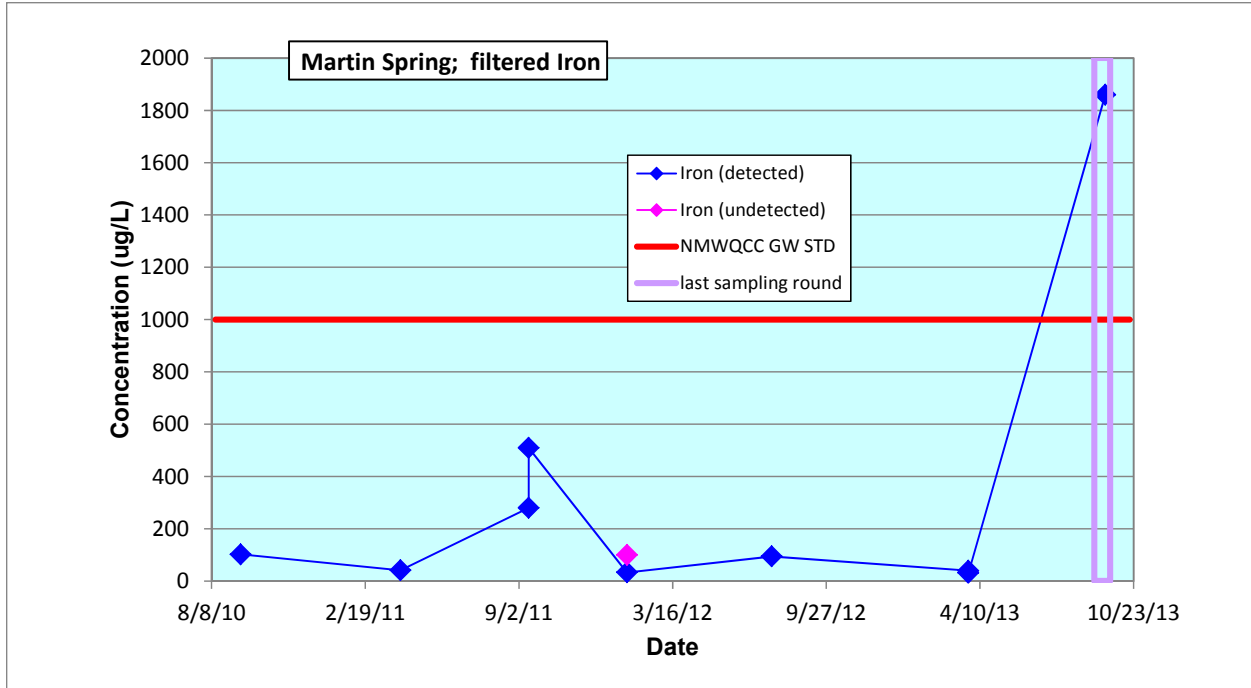


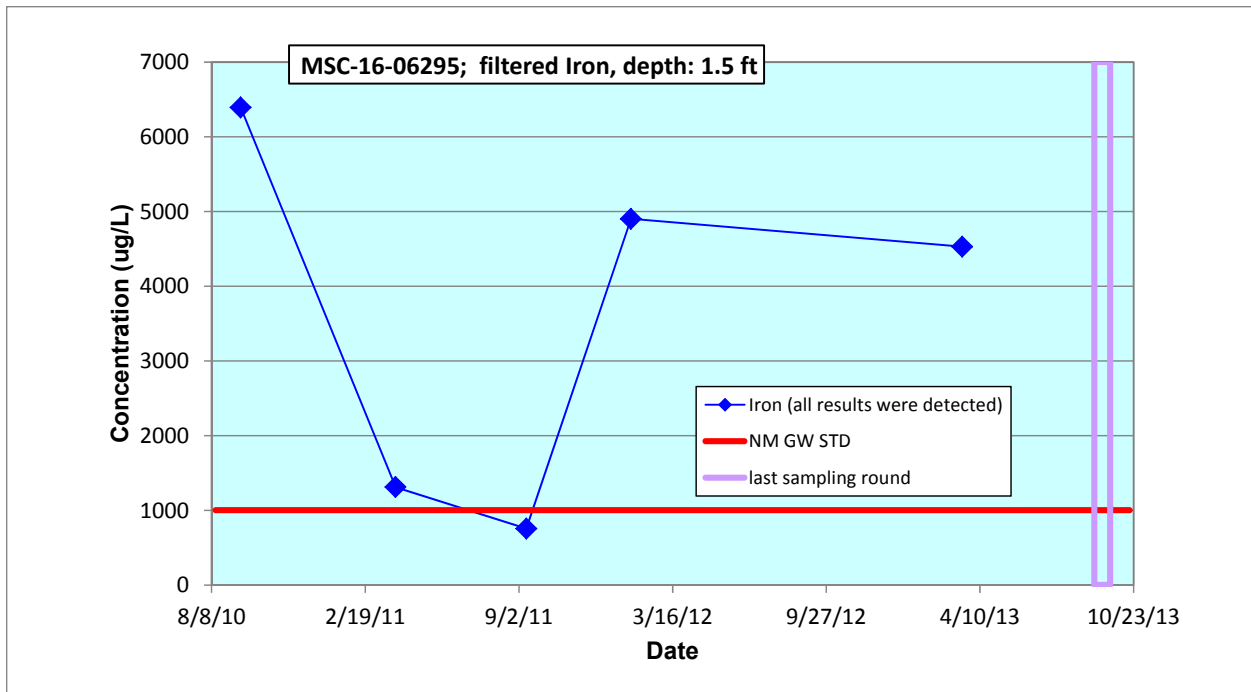
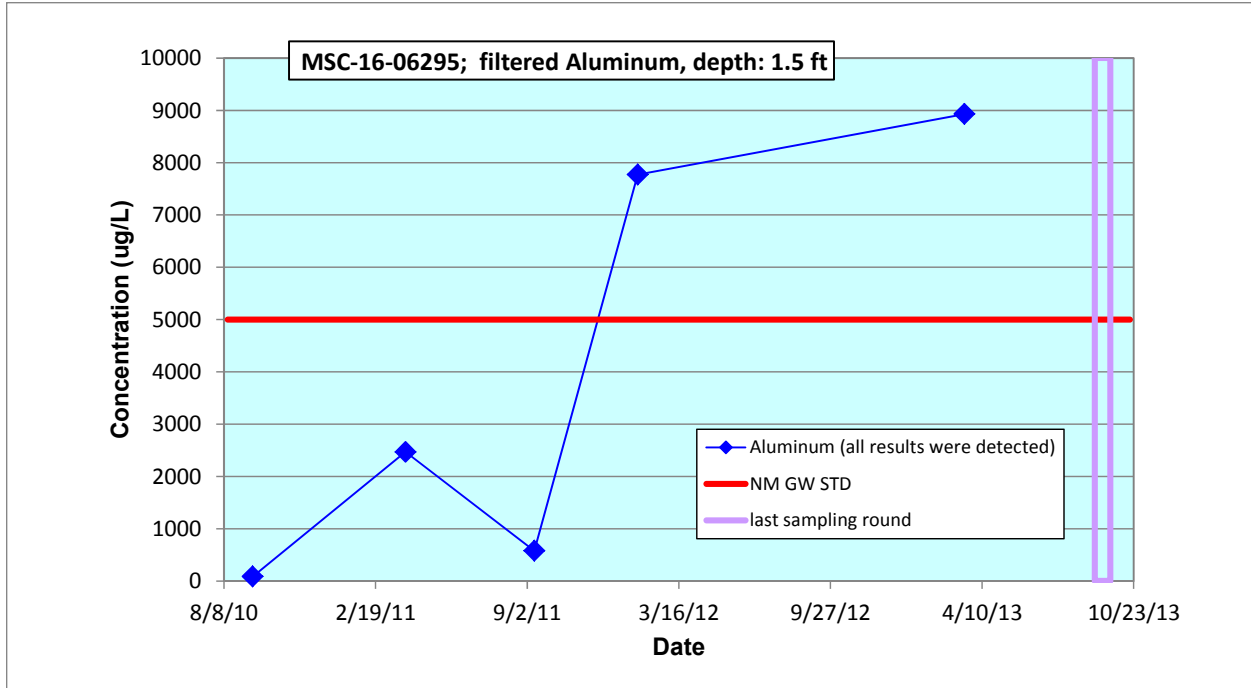


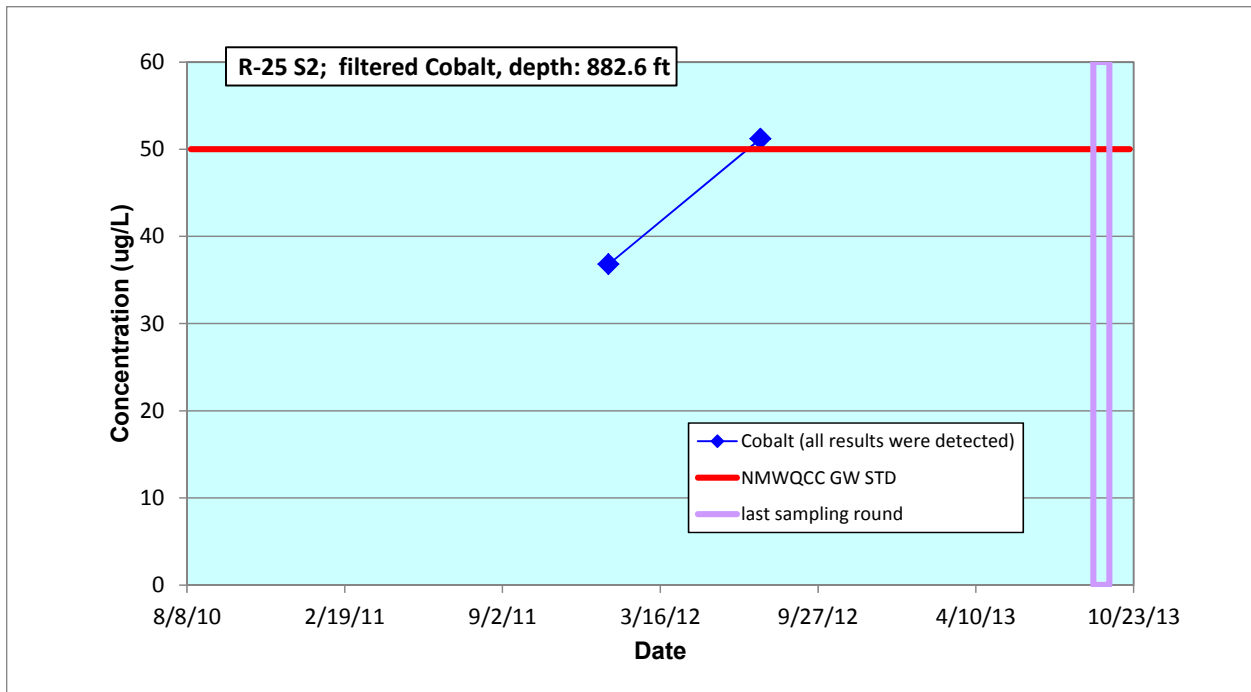
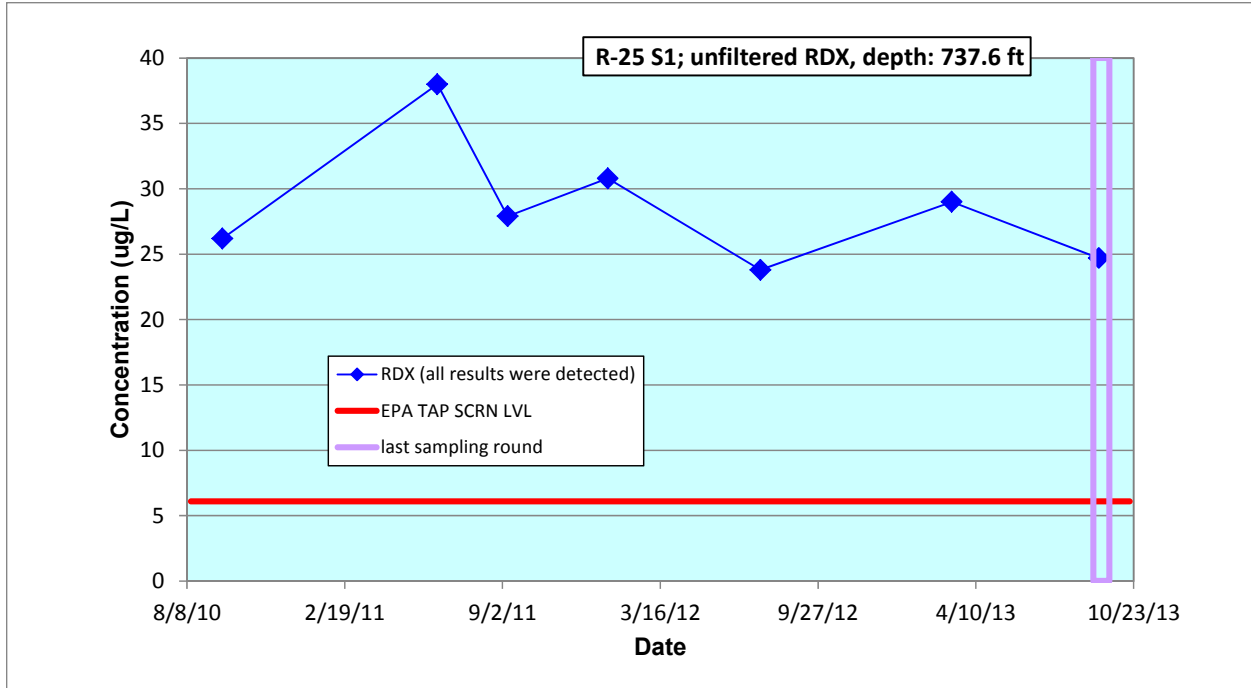


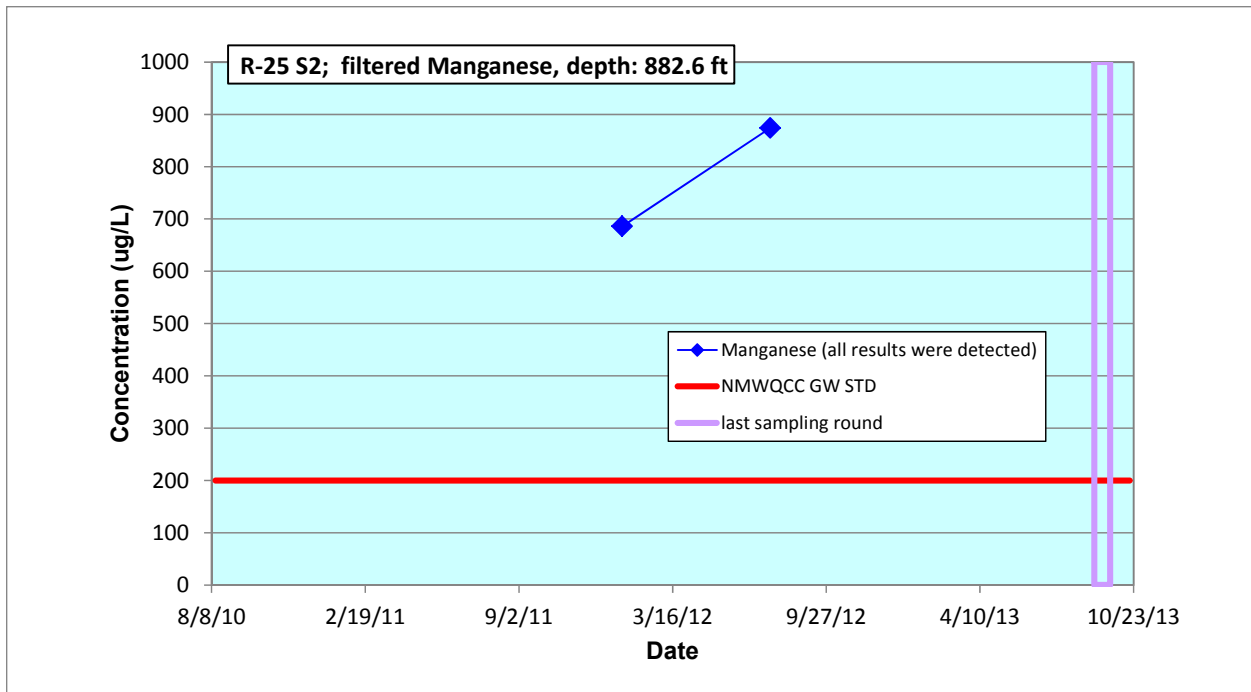
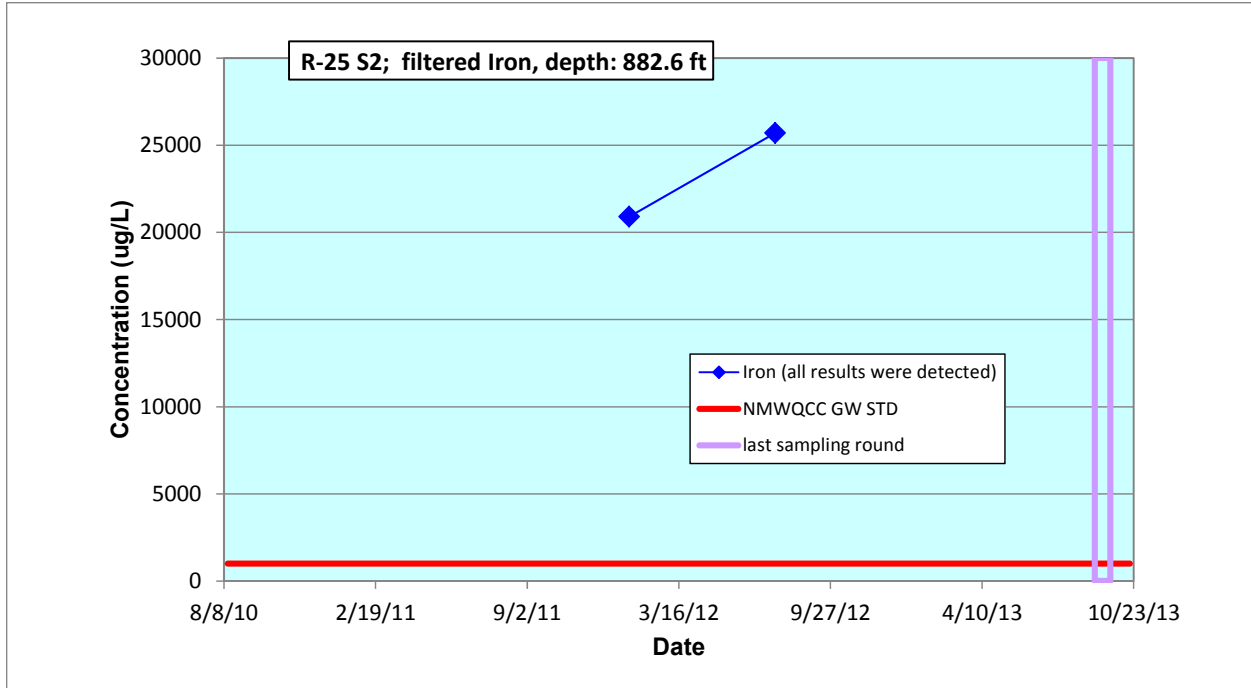


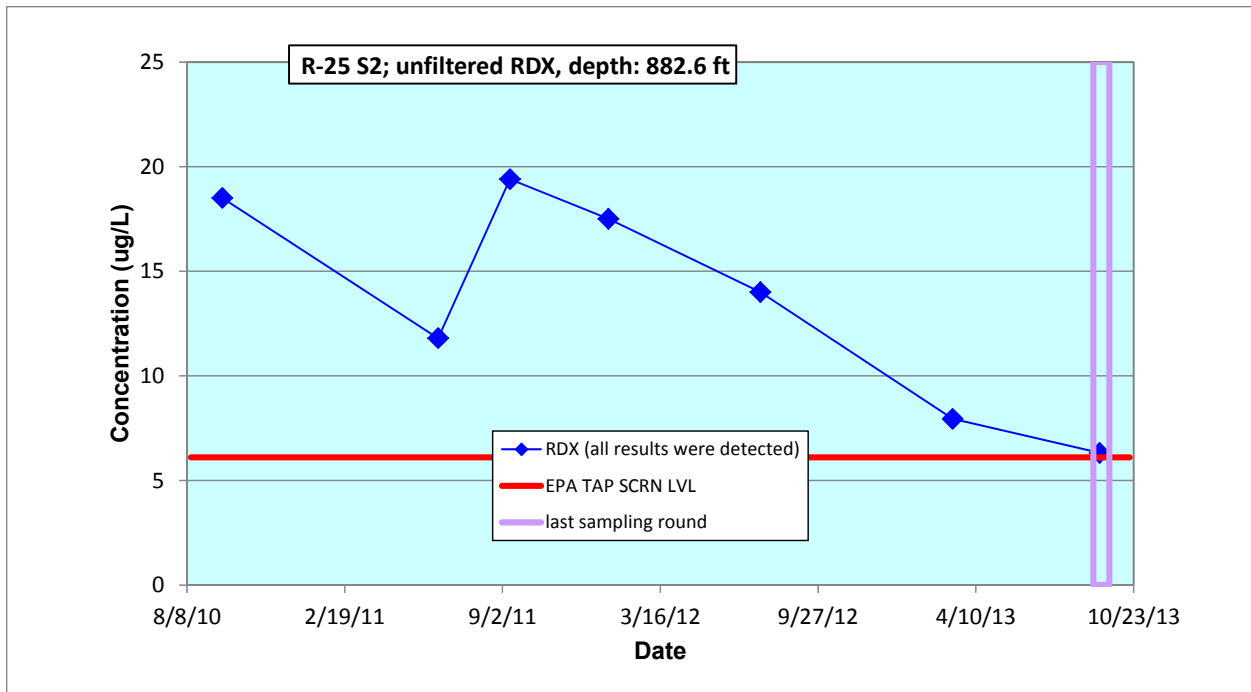
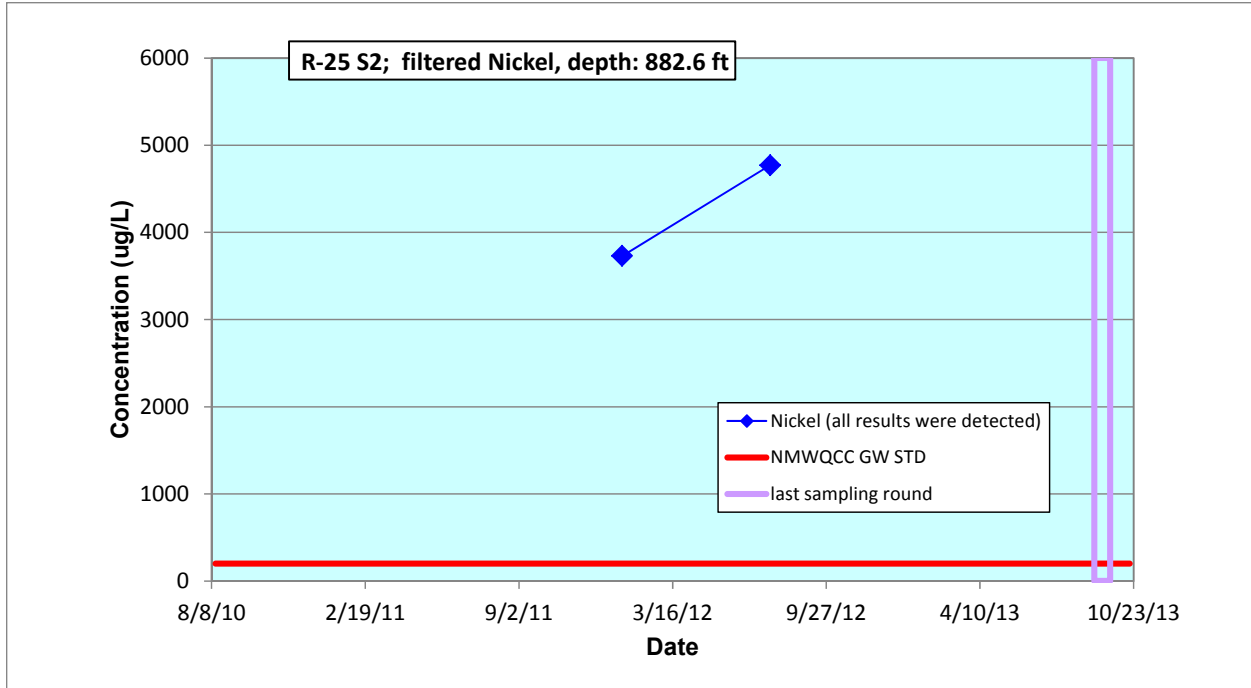


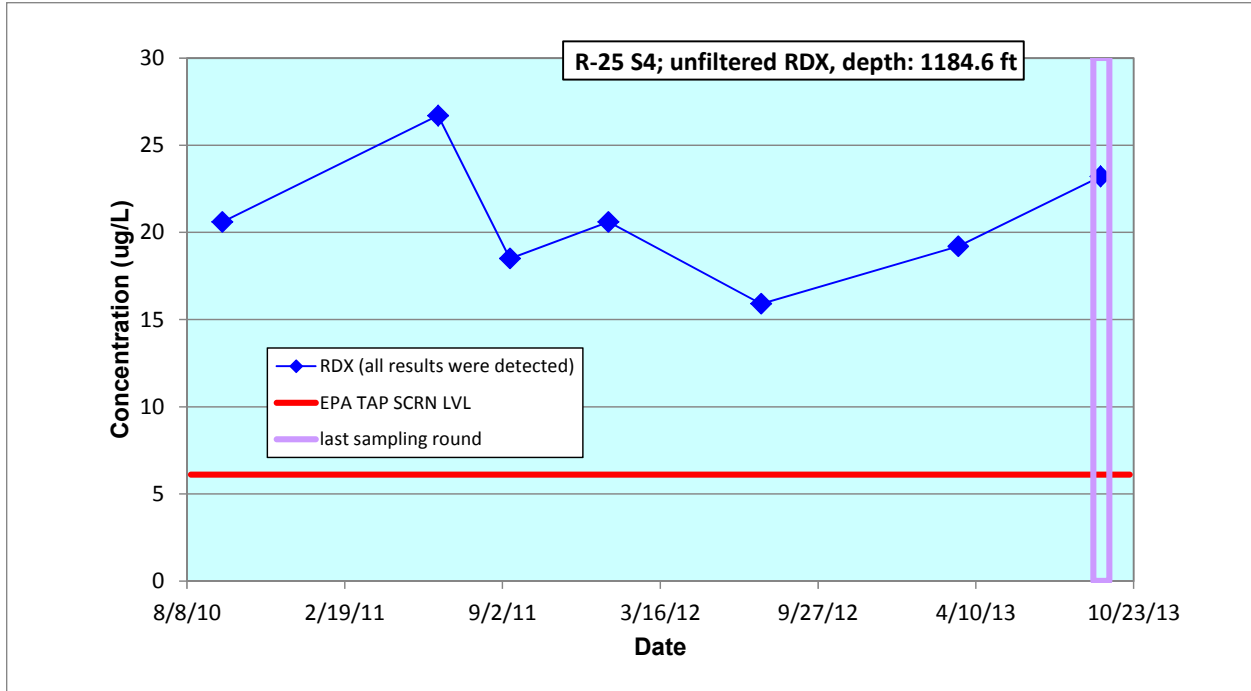












Appendix F

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)
2013-1795	Inorganic	GELC ^a	CAPA-13-40943	09/03/13	R-18	1358	1381
2013-1795	Inorganic	GELC	CAPA-13-40944	09/03/13	R-18	1358	1381
2013-1795	Inorganic	GELC	CAPA-13-40945	09/03/13	R-18	1358	1381
2013-1795	Inorganic	GELC	CAPA-13-40946	09/03/13	R-18	1358	1381
2013-1795	Organic	GELC	CAPA-13-40943	09/03/13	R-18	1358	1381
2013-1795	Organic	GELC	CAPA-13-40945	09/03/13	R-18	1358	1381
2013-1795	Organic	GELC	CAPA-13-41314	09/03/13	R-18	1358	1381
2013-1795	Organic	GELC	CAPA-13-41315	09/03/13	R-18	1358	1381
2013-1801	Inorganic	GELC	CAWA-13-40724	09/04/13	CdV-16-2(i)r	850	859.7
2013-1801	Organic	GELC	CAWA-13-40706	09/04/13	CdV-16-2(i)r	850	859.7
2013-1801	Organic	GELC	CAWA-13-41316	09/04/13	CdV-16-2(i)r	850	859.7
2013-1801	Organic	GELC	CAWA-13-41318	09/04/13	CdV-16-2(i)r	850	859.7
2013-1802	Organic	GELC	CAWA-13-40715	09/04/13	R-26 PZ-2	150	180
2013-1810	Inorganic	GELC	CAWA-13-40717	09/05/13	16-26644	130	145
2013-1810	Organic	GELC	CAWA-13-40699	09/05/13	16-26644	130	145
2013-1816	Inorganic	GELC	CAWA-13-40721	09/05/13	CDV-16-02656	3	8
2013-1816	Organic	GELC	CAWA-13-40703	09/05/13	CDV-16-02656	3	8
2013-1818	Inorganic	GELC	CAWA-13-40960	09/06/13	Between E252 and Water at Beta	— ^b	—
2013-1818	Inorganic	GELC	CAWA-13-40962	09/06/13	Between E252 and Water at Beta	—	—
2013-1818	Organic	GELC	CAWA-13-40960	09/06/13	Between E252 and Water at Beta	—	—
2013-1818	Rad ^c	GELC	CAWA-13-40960	09/06/13	Between E252 and Water at Beta	—	—
2013-1830	Inorganic	GELC	CAWA-13-40734	09/09/13	R-63	1325	1345.3
2013-1830	Inorganic	GELC	CAWA-13-40716	09/09/13	R-63	1325	1345.3
2013-1830	Organic	GELC	CAWA-13-40716	09/09/13	R-63	1325	1345.3
2013-1830	Organic	GELC	CAWA-13-41317	09/09/13	R-63	1325	1345.3
2013-1830	Organic	GELC	CAWA-13-41319	09/09/13	R-63	1325	1345.3
2013-1840	Inorganic	GELC	CAWA-13-40732	09/10/13	R-25b	750	770.8
2013-1840	Inorganic	GELC	CAWA-13-40714	09/10/13	R-25b	750	770.8
2013-1840	Organic	GELC	CAWA-13-40714	09/10/13	R-25b	750	770.8
2013-1841	Organic	GELC	CAWA-13-40711	09/10/13	R-25 S1	737.6	758.4
2013-1858	Organic	GELC	CAWA-13-40712	09/11/13	R-25 S2	882.6	893.4
2013-1863	Inorganic	GELC	CAWA-13-40723	09/11/13	CdV-16-1(i)	624	634
2013-1863	Organic	GELC	CAWA-13-40705	09/11/13	CdV-16-1(i)	624	634
2013-1866	Inorganic	GELC	CAWA-13-40719	09/12/13	Burning Ground Spring	—	—
2013-1866	Organic	GELC	CAWA-13-40701	09/12/13	Burning Ground Spring	—	—
2013-1890	Inorganic	GELC	CAWA-13-40731	09/12/13	R-25 S4	1184.6	1194.6
2013-1890	Organic	GELC	CAWA-13-40713	09/12/13	R-25 S4	1184.6	1194.6
2013-1962	Inorganic	GELC	CAWA-13-40728	09/17/13	Martin Spring	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2013-1962	Inorganic	GELC	CAWA-13-40718	09/17/13	Bulldog Spring	—	—
2013-1962	Organic	GELC	CAWA-13-40700	09/17/13	Bulldog Spring	—	—
2013-1962	Organic	GELC	CAWA-13-40710	09/17/13	Martin Spring	—	—
2013-2057	Inorganic	GELC	CAWA-13-41329	09/20/13	CdV-R-37-2 S2	1188.7	1213.8
2013-2057	Inorganic	GELC	CAWA-13-41331	09/20/13	CdV-R-37-2 S2	1188.7	1213.8
2013-2057	Organic	GELC	CAWA-13-41329	09/20/13	CdV-R-37-2 S2	1188.7	1213.8
2013-2063	Inorganic	GELC	CAWA-13-42027	09/20/13	CDV-16-02659	1.7	6.7
2013-2063	Inorganic	GELC	CAWA-13-42032	09/20/13	Canon de Valle below MDA P	—	—
2013-2063	Organic	GELC	CAWA-13-42025	09/20/13	CDV-16-02659	1.7	6.7
2013-2063	Organic	GELC	CAWA-13-42031	09/20/13	Canon de Valle below MDA P	—	—
2013-2068	Inorganic	GELC	CAWA-13-40671	09/19/13	CDV-16-4ip S1	815.6	879.2
2013-2068	Inorganic	GELC	CAWA-13-40674	09/19/13	CDV-16-4ip S1	815.6	879.2
2013-2068	Inorganic	GELC	CAWA-13-40725	09/19/13	CDV-16-4ip S1	815.6	879.2
2013-2068	Inorganic	GELC	CAWA-13-40707	09/19/13	CDV-16-4ip S1	815.6	879.2
2013-2068	Organic	GELC	CAWA-13-40671	09/19/13	CDV-16-4ip S1	815.6	879.2
2013-2068	Organic	GELC	CAWA-13-40707	09/19/13	CDV-16-4ip S1	815.6	879.2
2013-2069	Inorganic	GELC	CAWA-13-41328	09/19/13	CdV-R-15-3 S4	1235.1	1278.9
2013-2069	Inorganic	GELC	CAWA-13-41330	09/19/13	CdV-R-15-3 S4	1235.1	1278.9
2013-2069	Organic	GELC	CAWA-13-41328	09/19/13	CdV-R-15-3 S4	1235.1	1278.9
2013-2100	Inorganic	GELC	CAWA-13-42030	09/23/13	FLC-16-25280	2.6	4.2
2013-2100	Organic	GELC	CAWA-13-42029	09/23/13	FLC-16-25280	2.6	4.2
2013-956	Inorganic	GELC	CAWA-13-33602	06/13/13	CDV-16-4ip S1	815.6	879.2
2013-956	Inorganic	GELC	CAWA-13-33603	06/13/13	CDV-16-4ip S1	815.6	879.2
2013-956	Organic	GELC	CAWA-13-33602	06/13/13	CDV-16-4ip S1	815.6	879.2

^a GELC = General Engineering Laboratories, Inc., Charleston, SC.

^b — = Not applicable.

^c Rad = Radiochemistry (not gamma).