Letter: EMID-700065
TA-16 PMR: EMID-700068

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Date: AUG 30 2018
Refer To: N3B-18-0182

John Kieling, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Submittal of the Annual Periodic Monitoring Reports for the Technical Area 16 260 and Material Disposal Area AB Monitoring Groups

Dear Mr. Kieling:

Enclosed please find two hard copies with electronic files of the annual periodic monitoring reports (PMRs) for the Technical Area 16 (TA-16) 260 and Material Disposal Area (MDA) AB monitoring groups. The TA-16 260 PMR includes results from the sampling campaigns performed during the third and fourth quarters of monitoring year 2017 and the first and second quarters of monitoring year 2018. The MDA AB PMR includes results from sampling campaigns performed during the fourth quarter of monitoring year 2017 and second quarter of monitoring year 2018.

This report is submitted in accordance with Appendix E, Section IV, of the June 2016 Compliance Order on Consent, as modified on February 27, 2017.

If you have any questions, please contact Steve Veenis at (505) 309-1362 (steve.veenis@em-la.doe.gov) or Hai Shen at (505) 665-5046 (hai.shen@em.doe.gov).

Sincerely,

Joseph A. Legare
Program Manager
Environmental Remediation Program

Sincerely,

David S. Rhodes, Director
Office of Quality and Regulatory Compliance
Environmental Management
Los Alamos Field Office

JL/DR/SV/HS

Enclosure(s): Two hard copies with electronic files
1. Annual Periodic Monitoring Report for the Technical Area 16 260 Monitoring Group (EM2018-0026)
2. Annual Periodic Monitoring Report for the Material Disposal Area AB Monitoring Group (EM2018-0027)

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August 2018
EM2018-0026

Annual Periodic Monitoring Report for the Technical Area 16 260 Monitoring Group

N3B Los Alamos

EM2018-0026

Annual Periodic Monitoring Report for the Technical Area 16 260 Monitoring Group

August 2018

Responsible program director:

Printed Name	Signature	Title	Organization	Date
Bruce Robinson		Program Director	Water Program	8/23/2018

Responsible N3B representative:

Printed Name	Signature	Title	Organization	Date
Joseph A. Legare		Program Manager	N3B Environmental Remediation Program	8/23/18

Responsible DOE-EM-LA representative:

Printed Name	Signature	Title	Organization	Date
David S. Rhodes		Office Director	Quality and Regulatory Compliance	8-30-2018

EXECUTIVE SUMMARY

This annual periodic monitoring report (PMR) presents results for the Technical Area 16 260 (TA-16 260) monitoring group of the Newport News Nuclear BWXT – Los Alamos, LLC groundwater monitoring program that have not been previously reported. All monitoring work reported in this PMR was conducted pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan for the 2017 Monitoring Year, October 2016–September 2017" and the "Interim Facility-Wide Groundwater Monitoring Plan for the 2018 Monitoring Year, October 2017–September 2018," both prepared in accordance with the Compliance Order on Consent.

This PMR presents monitoring results for four periodic monitoring events (PMEs) conducted during the third and fourth quarters of monitoring year (MY) 2017 and the first and second quarters of MY2018 and includes the monitoring of surface water, groundwater spring, and groundwater well or well screen locations. This PMR also includes any results from earlier TA-16 260 monitoring group PMEs that have not yet been reported because validated laboratory data were not available (in some cases because of data release agreements).

Groundwater and surface water samples collected during the PMEs were analyzed for metals; volatile organic compounds; semivolatile organic compounds; polychlorinated biphenyls; high explosives; dioxins and furans; radionuclides, including low-level tritium; general inorganic chemicals, including perchlorate; and field parameters (dissolved oxygen, oxidation-reduction potential, pH, specific conductance, temperature, and turbidity).

Four surface water analytical results reported in this PMR were above applicable screening values.

Fifty-six groundwater analytical results reported in this PMR were above applicable screening values.

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Acronyms and Abbreviations

BCG	Biota Concentration Guide (DOE)
CFR	Code of Federal Regulations (U.S.)
Consent Order	Compliance Order on Consent
DCS	Derived Concentration Technical Standard (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
HE	high explosives
HMX	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
gpm	gallons per minute
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDA	material disposal area
MDL	method detection limit
MY	monitoring year
N	no (best value flag code)
N3B	Newport News Nuclear BWXT – Los Alamos, LLC
NC	not collected
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NM HH OO	Human health organism only, New Mexico surface-water standards
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PMR	periodic monitoring report
PRB	permeable reactive barrier
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
SMO	Sample Management Office
SVOC	semivolatile organic compound
SWSC	Sanitary Wastewater Systems Consolidation (Spring)
TA	technical area
TNT	2,4,6-trinitrotoluene
UF	unfiltered
VOC	volatile organic compound
Y	yes (best value flag code)

1.0 INTRODUCTION

This annual periodic monitoring report (PMR) for the Technical Area 16 260 (TA-16 260) monitoring group provides documentation of the following groundwater periodic monitoring events (PMEs) conducted by Los Alamos National Laboratory (LANL or the Laboratory):

Watershed	PMEs Reported in this PMR		PME Field Sampling	
	MY*	Quarter	Begin	End
Water/Cañon de Valle and Pajarito	2017	3	05/31/17	06/15/17
		4	08/29/17	09/15/17
	2018	1	12/05/17	12/21/17
		2	02/06/18	02/23/18

*MY = Monitoring year.

The annual PMR for the TA-16 260 monitoring group is submitted to the New Mexico Environment Department (NMED) every August and includes TA-16 260 monitoring group PMEs performed through the second quarter of MY2018. During the third quarter of fiscal year 2018, environmental remediation work transitioned from the Laboratory, under the U.S. Department of Energy (DOE) National Nuclear Security Administration, to Newport News Nuclear BWXT – Los Alamos, LLC (N3B) under the DOE Office of Environmental Management.

Monitoring was conducted pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan for the 2017 Monitoring Year, October 2016–September 2017" (2017 IFGMP) (LANL 2016, 601506) and the "Interim Facility-Wide Groundwater Monitoring Plan for the 2018 Monitoring Year, October 2017–September 2018" (2018 IFGMP) (LANL 2017, 602406), both prepared in accordance with the Compliance Order on Consent (Consent Order). The PMEs noted above included sampling of surface water, groundwater spring, and groundwater well (or well screen) locations.

This report also includes any results from previous TA-16 260 monitoring group 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.

Section IX of the Consent Order describes the role of data screening in the corrective action process. Screening values are used to identify the *potential* for unacceptable risk resulting from the presence of contaminants in groundwater and surface water. New Mexico Water Quality Control Commission (NMWQCC) groundwater standards, U.S. Environmental Protection Agency (EPA) maximum contaminant levels (MCLs), NMED screening levels for tap water, and EPA regional screening levels for tap water are used to establish a set of screening values for evaluating IFGMP monitoring data. If contaminants are present at concentrations above screening values, additional risk evaluation is required to determine the potential need for cleanup (corrective action).

This report presents the following information:

- general background information on the monitoring group
- field-measurement monitoring results
- water-quality monitoring results
- screening analysis results
- a summary based on the monitoring data and the results of screening analysis

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to NMED in accordance with DOE policy.

1.1 Background

The TA-16 260 monitoring group was established for the upper Water Canyon/Cañon de Valle watershed to monitor contaminants released from Consolidated Unit 16-021(c)-99, which is the TA-16 260 Outfall (hereafter, the 260 Outfall), and other sites at TA-16. The 260 Outfall is a former high explosives- (HE-) machining outfall that discharged HE-bearing water to Cañon de Valle from 1951 through 1996 and is the predominant source of contaminants detected in groundwater in the Water Canyon/Cañon de Valle area. These discharges contaminated soils, sediments, surface waters, spring waters, and intermediate-perched and regional groundwater at TA-16.

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

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

Discharges from the former 260 Outfall at Consolidated Unit 21-021(c)-99 from 1951 to 1996 served as a primary source of HE and inorganic contamination found throughout the site (LANL 1998, 059891; LANL 2003, 085531). Results of the 260 Outfall corrective measures evaluation (LANL 2007, 098734) show the drainage channel below the outfall and the canyon bottom as well as surface water, alluvial groundwater, and intermediate-perched groundwater are contaminated with explosive compounds, including RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine); HMX (octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine); TNT (2,4,6-trinitrotoluene); and barium. In addition, the VOCs tetrachloroethene and trichloroethene have been detected in springs, alluvial groundwater, and intermediate-perched groundwater.

2.0 SCOPE OF ACTIVITIES

The PMEs for the TA-16 260 monitoring group were conducted pursuant to the 2017 IFGMP (LANL 2016, 601506) and the 2018 IFGMP (LANL 2017, 602406).

Table 2.0-1 provides the name, watershed, sample collection date, screened interval, top and bottom screen depths, casing volume, purge volume, and purge or flow rate for each of the planned monitoring locations. These locations are shown in Figure 2.0-1.

3.0 REGULATORY CRITERIA

Regulatory criteria related to groundwater water quality form the basis for the screening values to which groundwater monitoring results are compared in this PMR. These criteria include the NMWQCC groundwater standards, EPA MCLs, NMED screening levels for tap water, and EPA regional screening levels for tap water. These criteria are used to screen results in accordance with the process specified in Section I.X of the Consent Order and are listed in Table 3.0-1. This screening process is described in more detail in section 5.2.

4.0 MONITORING RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the data reported in this PMR are documented in the 2017 IFGMP (LANL 2016, 601506) and 2018 IFGMP (LANL 2017, 602406).

4.2 Field Parameter Results

Appendix A presents the field parameter measurements associated with the sampling and analysis data that are reported in this PMR.

4.3 Groundwater Elevations and Base-Flow Observations

The groundwater level is measured at each groundwater monitoring location before purging and sampling that location as required by the Consent Order. Section 4.4 notes any instances where this requirement could not be met.

In addition to collecting groundwater-level data before purging and sampling, the Laboratory has collected groundwater-level data "continuously" (e.g., hourly, daily) for most monitoring locations and these data are voluntarily presented in this PMR. Any gaps in the continuous groundwater-level records presented in this PMR are a result of one or more of the following conditions:

- Dry well
- Well not equipped with a pressure (level) transducer
- Water level below transducer
- Transducer not functioning properly (including failure)
- Transducer temporarily removed from well for maintenance and/or calibration

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

Base-flow measurements are shown graphically in Figure 4.3-1.

4.4 Deviations from Planned Scope

Table 4.4-1 summarizes the deviations from the planned monitoring scope that were experienced while conducting the work associated with the monitoring data reported in this PMR.

Table 4.4-2 presents a list of analytes with method detection limits (MDLs) greater than screening values. Some of the analytes were measured using more than one analytical method, leading to a range of MDLs. The tables apply to the results with the lowest MDL, so the analytical method and analytical laboratory are included in the tables for reference.

5.0 ANALYTICAL DATA RESULTS

5.1 Methods and Procedures

All methods and procedures used to perform PME analytical activities are documented in the 2017 IFGMP (LANL 2016, 601506) and the 2018 IFGMP (LANL 2017, 602406). Purge water is managed and characterized in accordance with the waste characterization strategy form associated with the well and the "Land Application of Groundwater" procedure. The "Land Application of Groundwater" procedure implements the NMED-approved decision tree for land application of drilling, development, rehabilitation, and purge water.

All sampling, data reviews, and data package validations were conducted using standard operating procedures that are part of a comprehensive quality assurance program. N3B has adopted all applicable procedures and is operating to them. 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.

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

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

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

After the analytical laboratory submits data packages, the packages receive in-house secondary validation. As a result of secondary validation, a second set of qualifiers was assigned to the analytical results. Secondary validation is currently done by an automated process after the data are loaded.

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 internal data validation standard operating procedures. Once auto validation is complete, the data are uploaded into the internal database system and the public database (http://intellusnm.com/).

A detection status is assigned 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.

5.2 Analytical Data

Appendix C presents the analytical data for the four PMEs reported in this PMR and from the four sampling events at these locations immediately before these PMEs. 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 PMEs (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.
    - ❖ Other than above, all results are reported at all locations.
- Nonradionuclides
    - ❖ All detected results are reported.

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

Monitoring data are evaluated using the screening process described below. The sources for standards and screening levels from which specific screening values are established are listed in Table 3.0-1.

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral (Table 5.2-1). Along with a hardness value, this category determines the screening values used for data at each monitoring location. Hardness-dependent screening values 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. Hardness-dependent acute and chronic criteria were used for total recoverable aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code (NMAC) 6.4.900.
- Groundwater data are screened in accordance to Section IX of the Consent Order. For an individual substance, the lower of the NMWQCC groundwater standard or EPA MCL is used as the screening value.

- If an NMWQCC groundwater standard or an MCL has not been established for a specific substance for which toxicological information is published, the NMED screening level for tap water is used as the groundwater screening value. The NMED screening levels are for either a cancer- or noncancer-risk type. For the cancer-risk type, the screening levels are based on a 10^{-5} excess cancer risk. This report was prepared using the March 2017 NMED screening levels for tap water.
- If an NMED screening level for tap water has not been established for a specific substance for which toxicological information is published, the EPA regional screening level for tap water is used as the groundwater screening value. The EPA screening levels are for either a cancer- or noncancer-risk type. For the cancer-risk type, the Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels for tap water are for 10^{-6} excess cancer risk, so 10 times the EPA 10^{-6} screening levels are used in the screening process. This report was prepared using the November 2017 EPA regional screening levels for tap water.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. EPA MCLs are applied to both filtered and unfiltered sample results.
- The analytical results for radionuclides and radioactivity are voluntarily compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Technical Standards (DCSs) for groundwater but are not reported in Table 5.2-2 or Appendix D.

Appendix D presents each analytical result that is greater than half of its applicable screening value. Results with a best value flag of N are included in Appendix D but not discussed in the text.

Table 5.2-2 provides groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that are above screening values. Multiple detections are included in the table except for field duplicate exceedances. For example, if aluminum was detected above its screening value in both a primary sample and a field duplicate, only the primary sample result is shown. If aluminum was detected above its screening value in two primary samples, both results are shown.

For the data reported in this PMR, Figures 5.2-1 through 5.2-4 show the maximum concentrations detected at all locations for the analytes that exceeded their screening values at more than one sampling location. For example, unfiltered RDX was above the NMED tap water screening level (screening value) at more than one well, so all RDX values reported in this PMR are shown in addition to the screening value exceedances, which are displayed in yellow boxes.

Graphs in Appendix E display analyte concentration histories for monitoring group locations where the analyte was above its screening value at least once in the following expanded data set: data reported in this PMR plus data for the three previous TA-16 260 monitoring group PMEs. Appendix E may include instances where the analyte data reported in this PMR are evaluated using a higher screening value than the screening value that was used to evaluate previously reported analyte data. For example, the current screening value for perchlorate, 13.8 µg/L per 2016 Consent Order data screening requirements, is greater than the former perchlorate screening value of 4 µg/L, which was used to evaluate previously reported analyte data. The horizontal solid red line on each graph depicts the current analyte screening value, except in cases where there were no exceedances of the current screening value by the data reported in this PMR but there was at least one exceedance of the former (lower) screening value by the previously reported analytical data. In such cases, the horizontal solid red line depicts the former (lower) screening value. Results with a best value flag of N are not included in Appendix E.

5.2.1 Surface Water (Base Flow)

Table 5.2-2 shows that four surface-water analytical results reported in this PMR were above applicable screening values. These four screening value exceedances were for unfiltered aluminum.

Between E252 and Water at Beta

For the June 7, 2017, and February 8, 2018, sampling events at location Between E252 and Water at Beta, unfiltered aluminum was detected at 614 µg/L and 1420 µg/L, respectively. These concentrations were above the hardness-based NMWQCC aquatic life standard for chronic exposure (screening value) of 530 µg/L (based on 50 mg/L hardness). The range of previous unfiltered aluminum concentrations detected at Between E252 and Water at Beta since June 2007 is 139 µg/L to 3340 µg/L.

Pajarito below S&N Ancho E Basin Confluence

For the June 1, 2017, and February 13, 2018, sampling events at location Pajarito below S&N Ancho E Basin Confluence, unfiltered aluminum was detected at 1470 µg/L and 1540 µg/L, respectively. These concentrations were above the hardness-based NMWQCC aquatic life standard for chronic exposure (screening value) of 530 µg/L (based on 50 mg/L hardness). The range of previous unfiltered aluminum concentrations detected at Pajarito below S&N Ancho E Basin Confluence since June 2007 is 165 µg/L to 11,100 µg/L.

5.2.2 Groundwater

Table 5.2-2 shows that 56 groundwater analytical results reported in this PMR were above applicable screening values. These 56 screening value exceedances were for the following 5 analytes: barium (filtered), boron (filtered), iron (filtered), manganese (filtered), and RDX (unfiltered).

Groundwater Springs

Bulldog Spring

For the February 21, 2018, sampling event at Bulldog Spring, RDX was detected at 7.69 µg/L. This concentration was above the NMED tap water screening level (screening value) of 7.02 µg/L. The range of previous RDX concentrations detected at Bulldog Spring since July 2007 is 1.68 µg/L to 6.88 µg/L.

Burning Ground Spring

For the June 9, 2017; September 1, 2017; and February 10, 2018, sampling events at Burning Ground Spring, RDX was detected at 7.5 µg/L, 12 µg/L, and 15 µg/L, respectively. These concentrations were above the NMED tap water screening level (screening value) of 7.02 µg/L. The range of previous RDX concentrations detected at Burning Ground Spring since October 2007 is 7.88 µg/L to 51.1 µg/L.

Martin Spring

For the June 1, 2017; August 29, 2017; and February 10, 2018, sampling events at Martin Spring, boron was detected at 918 µg/L, 934 µg/L, and 984 µg/L, respectively, and RDX was detected at 74 µg/L, 61.1 µg/L, and 80.4 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 750 µg/L for boron and the NMED tap water screening level (screening value) of 7.02 µg/L for RDX.

The range of boron concentrations detected at Martin Spring since October 2007 is 647 µg/L to 1440 µg/L. The range of RDX concentrations detected at Martin Spring October 2007 since is 27.7 µg/L to 143 µg/L.

Sanitary Wastewater Systems Consolidation (SWSC) Spring

For the June 9, 2017, sampling event at SWSC Spring, RDX was detected at 12.7 µg/L. This concentration was above the NMED tap water screening level (screening value) of 7.02 µg/L. The range of RDX concentrations detected at SWSC Spring since October 2007 is 21.7 µg/L to 61 µg/L.

Alluvial Monitoring Wells

CdV-16-02656

For the June 2, 2017; September 14, 2017; and February 10, 2018, sampling events at CdV-16-02656, barium was detected at 1840 µg/L, 1850 µg/L, and 1520 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 1000 µg/L. The range of barium concentrations detected at CdV-16-02656 since October 2007 is 1960 µg/L to 4890 µg/L.

CdV-16-02659

For the June 15, 2017, and September 14, 2017, sampling events at CdV-16-02659, barium was detected at 4750 µg/L and 4940 µg/L and RDX at 10.7 µg/L and 7.21 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 1000 µg/L for barium and the NMED tap water screening level (screening value) of 7.02 µg/L for RDX. For the February 10, 2018, sampling event, barium was detected at 4010 µg/L. This concentration was above the screening value for barium.

The range of barium concentrations detected at CdV-16-02659 since October 2007 is 3130 µg/L to 13,600 µg/L. The range of RDX concentrations detected at CdV-16-02659 since October 2007 is 2.51 µg/L to 28.6 µg/L.

CdV-16-611923

For the June 6, 2017, sampling event at CdV-16-611923, barium and manganese were detected at concentrations of 6810 µg/L and 238 µg/L, respectively. These concentrations were above the NMWQCC groundwater standards (screening values) of 1000 µg/L for barium and 200 µg/L for manganese. For the February 16, 2018, sampling event, barium was detected at 5050 µg/L. This concentration was above the screening value for barium.

The ranges of previous barium and manganese concentrations detected at CdV-16-611923 since April 2010 are 7070 µg/L to 49,400 µg/L and 111 µg/L to 7510 µg/L, respectively.

CdV-16-611937

For the June 6, 2017, sampling event at CdV-16-611937, manganese was detected at 1030 µg/L. This concentration was above the NMWQCC groundwater standard (screening value) of 200 µg/L. For the September 12, 2017, and February 16, 2018, sampling events at CDV-16-611937, barium was detected at 2390 µg/L and 1340 µg/L; iron at 4690 µg/L and 11,700 µg/L; and manganese at 1850 µg/L and 1880 µg/L, respectively. These concentrations were above the NMWQCC groundwater standards (screening values) of 1000 µg/L, 1000 µg/L, and 200 µg/L for barium, iron, and manganese, respectively.

The ranges of previous barium, iron, and manganese concentrations detected at CdV-16-611937 since April 2010 are 534 µg/L to 13,500 µg/L; 585 µg/L to 12,500 µg/L; and 609 µg/L to 3880 µg/L, respectively.

Permeable Reactive Barrier (PRB) Alluvial Seep (16-61439)

For the June 12, 2017, and February 16, 2018, sampling events at the PRB Alluvial Seep (16-61439), barium was detected at 3390 µg/L and 2960 µg/L and RDX was detected at 13.1 µg/L and 10.5 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 1000 µg/L for barium and the NMED tap water screening level (screening value) of 7.02 µg/L for RDX. For the September 15, 2017, sampling event, barium was detected at 3730 µg/L. This concentration was above the screening value for barium.

The ranges of previous barium and RDX concentrations detected at the PRB Alluvial Seep (16-61439) since December 2016 are 3340 µg/L to 4170 µg/L and 7.24 µg/L to 11.5 µg/L, respectively.

Intermediate Monitoring Wells

CdV-9-1(i) S1

For the May 31, 2017; August 30, 2017; December 19, 2017; and February 6, 2018, sampling events at CdV-9-1(i) S1, RDX was detected at 20.8 µg/L, 20 µg/L, 17.6 µg/L, and 17.6 µg/L, respectively. These concentrations were above the NMED tap water screening level (screening value) of 7.02 µg/L. The range of RDX concentrations detected at well CdV-9-1(i) S1 since May 2015 is 14.7 µg/L to 37.3 µg/L.

CdV-16-1(i)

For the June 12, 2017; September 15, 2017; December 8, 2017; and February 16, 2018, sampling events at CdV-16-1(i), RDX was detected at 37.4 µg/L, 27.5 µg/L, 28 µg/L, and 31.4 µg/L, respectively. These concentrations were above the NMED tap water screening level (screening value) of 7.02 µg/L. The range of RDX concentrations detected at well CdV-16-1(i) since October 2007 is 22.2 µg/L to 32.4 µg/L.

CdV-16-2(i)r

For the June 6, 2017; August 29, 2017; December 5, 2017; and February 16, 2018, sampling events at CdV-16-2(i)r, RDX was detected at 99.3 µg/L, 99.1 µg/L, 126 µg/L, and 98.1 µg/L, respectively. These concentrations were above the NMED tap water screening level (screening value) of 7.02 µg/L. The range of RDX concentrations detected at well CdV-16-2(i)r since October 2007 is 51.2 µg/L to 128 µg/L.

CdV-16-4ip S1

For the June 6, 2017; August 29, 2017; December 5, 2017; and February 16, 2018, sampling events at CdV-16-4ip S1, RDX was detected at 113 µg/L, 134 µg/L, 177 µg/L, and 138 µg/L, respectively. These concentrations were above the NMED tap water screening level (screening value) of 7.02 µg/L. The range of RDX concentrations detected at well CdV-16-4ip S1 since August 2010 is 111 µg/L to 265 µg/L.

Regional Monitoring Wells

R-68

For the June 2, 2017; July 13, 2017; September 6, 2017; December 11, 2017; and February 6, 2018, sampling events at R-68, RDX was detected at 8.08 µg/L, 10.2 µg/L, 17.1 µg/L, 13.7 µg/L, and 16 µg/L, respectively. These concentrations were above the NMED tap water screening level (screening value) of 7.02 µg/L for RDX.

The only other previous RDX result for R-68 was 8.82 µg/L in March 2017.

5.3 Sampling Program Modifications

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

6.0 SUMMARY AND INTERPRETATIONS

6.1 Monitoring Results

Appendix A presents the field parameter measurements associated with the sampling and analysis data that are reported in this PMR.

6.2 Analytical Results

6.2.1 Surface Water (Base Flow)

Four surface water analytical results reported in this PMR were above applicable screening values (Table 5.2-2). For results above screening values, the types of contaminants detected and their concentrations are consistent with data reported in previous PMRs for this monitoring group.

6.2.2 Groundwater

A total of 56 groundwater analytical results reported in this PMR were above applicable screening values (Table 5.2-2). For results above screening values, the types of contaminants detected and their concentrations are consistent with data reported in previous PMRs for this monitoring group, with the following exceptions.

Groundwater Springs

The unfiltered RDX result reported in this PMR for Bulldog Spring (7.69 µg/L) is the new maximum value and the first result exceeding the screening value.

The unfiltered RDX result reported in this PMR for SWSC Spring (12.7 µg/L) is the new minimum value.

Alluvial Monitoring Wells

The filtered barium results reported in this PMR for CdV-16-02656 (1840 µg/L, 1850 µg/L, and 1520 µg/L) are all below the previous minimum concentration (1960 µg/L) and the result from February 10, 2018, (1520 µg/L) is the lowest observed to date.

The filtered barium results reported in this PMR for CdV-16-611923 (6810 µg/L and 5050 µg/L) are both below the previous minimum concentration (7070 µg/L) and the result from February 16, 2018, (5050 µg/L) is the lowest observed to date.

The filtered barium concentration (2960 µg/L) detected at the PRB Alluvial Seep (16-61439) on February 16, 2018, is the lowest observed to date. The unfiltered RDX concentration (13.1 µg/L) detected on June 12, 2017, is the highest observed to date.

Intermediate Monitoring Wells

The unfiltered RDX concentration (37.4 µg/L) detected at CdV-16-1(i) on June 12, 2017, is the highest observed to date.

Regional Monitoring Wells

The unfiltered RDX results reported in this PMR for R-68 for July 13, 2017; September 6, 2017; December 11, 2017; and February 6, 2018, (10.2 µg/L, 17.1 µg/L, 13.7 µg/L, and 16 µg/L, respectively) are all above the only previous result for this location (8.82 µg/L) and the result from September 6, 2017, (17.1 µg/L) is the highest observed to date.

6.3 Data Gaps

Table 4.4-1 summarizes the deviations from the planned monitoring scope that were experienced while conducting the work associated with the monitoring data reported in this PMR.

6.4 Remediation System Monitoring

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

7.0 REFERENCES

The following reference list includes documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ERID, ESHID, or EMID. This information is also included in text citations. ERIDs were assigned by the Laboratory's Associate Directorate for Environmental Management (IDs through 599999); ESHIDs were assigned by the Laboratory's Associate Directorate for Environment, Safety, and Health (IDs 600000 through 699999); and EMIDs are assigned by N3B (IDs 700000 and above). IDs are used to locate documents in N3B's Records Management System and in the Master Reference Set. The NMED Hazardous Waste Bureau and N3B maintain copies of the Master Reference Set. The set ensures that NMED has the references to review documents. The set is updated when new references are cited in documents.

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

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

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

LANL (Los Alamos National Laboratory), May 2016. "Interim Facility-Wide Groundwater Monitoring Plan for the 2017 Monitoring Year, October 2016–September 2017," Los Alamos National Laboratory document LA-UR-16-23408, Los Alamos, New Mexico. (LANL 2016, 601506)

LANL (Los Alamos National Laboratory), May 2017. "Interim Facility-Wide Groundwater Monitoring Plan for the 2018 Monitoring Year, October 2017–September 2018," Los Alamos National Laboratory document LA-UR-17-24070, Los Alamos, New Mexico. (LANL 2017, 602406)

NMED (New Mexico Environment Department), March 2017. "Risk Assessment Guidance for Site Investigations and Remediation," Hazardous Waste Bureau, Santa Fe, New Mexico. (NMED 2017, 602273)

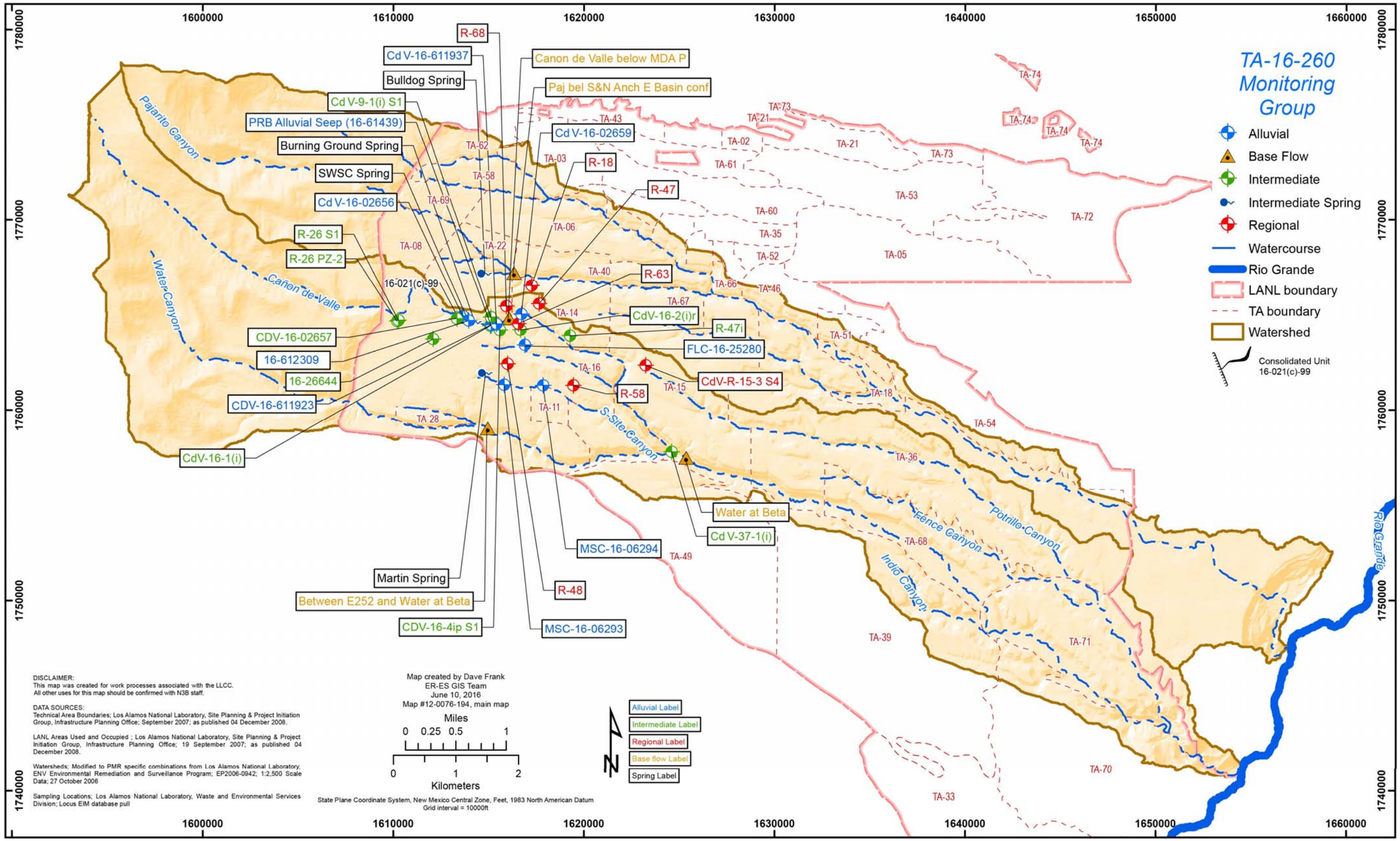

Figure 2.0-1 TA-16 260 monitoring group locations (see also Table 2.0-1)

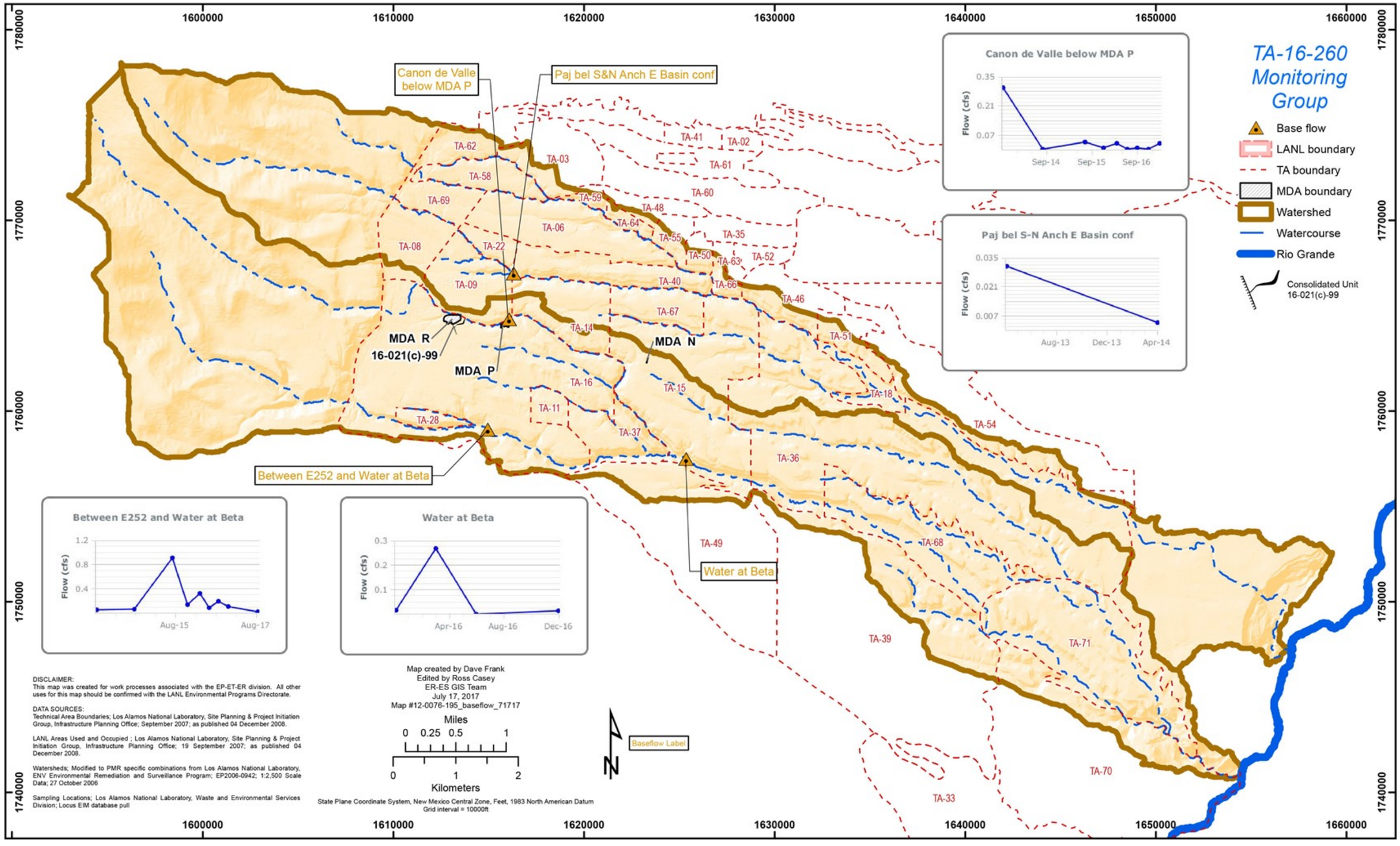

Figure 4.3-1 Base-flow measurements

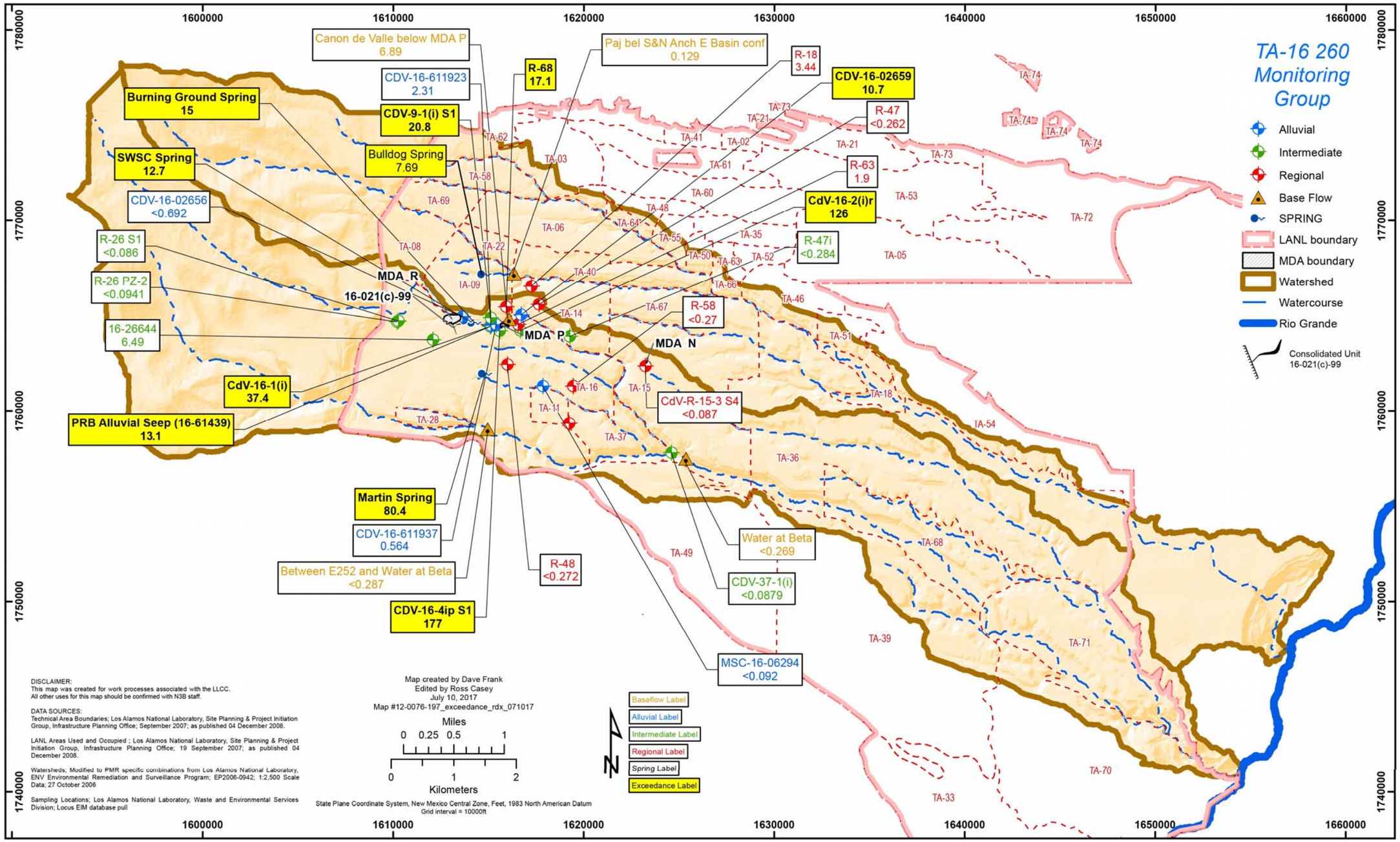

Figure 5.2-1 Monitoring group unfiltered RDX concentrations in µg/L. The screening value for groundwater is 7.02 µg/L.

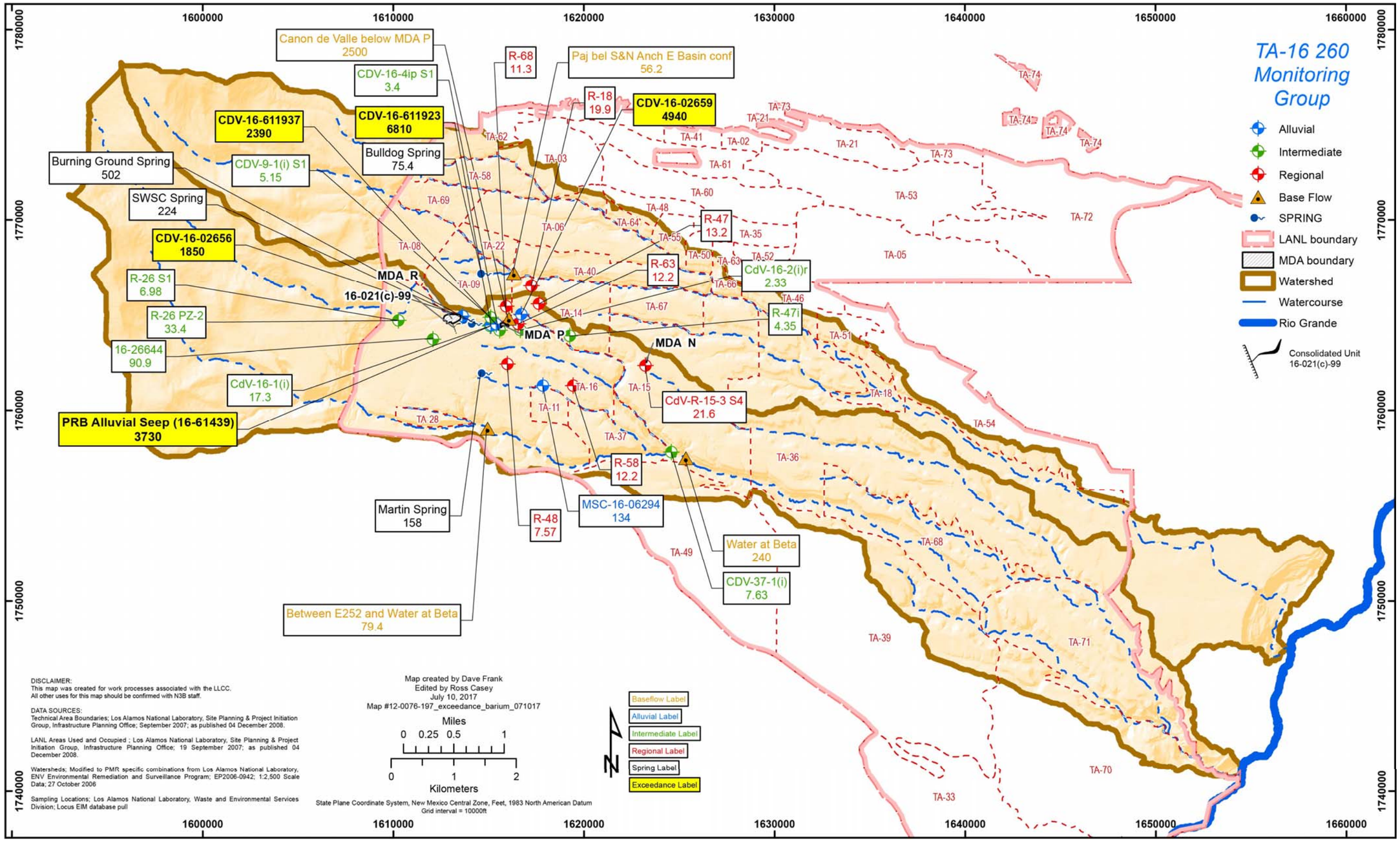

Figure 5.2-2 Monitoring group filtered barium concentrations in µg/L. The screening value for groundwater is 1000 µg/L.

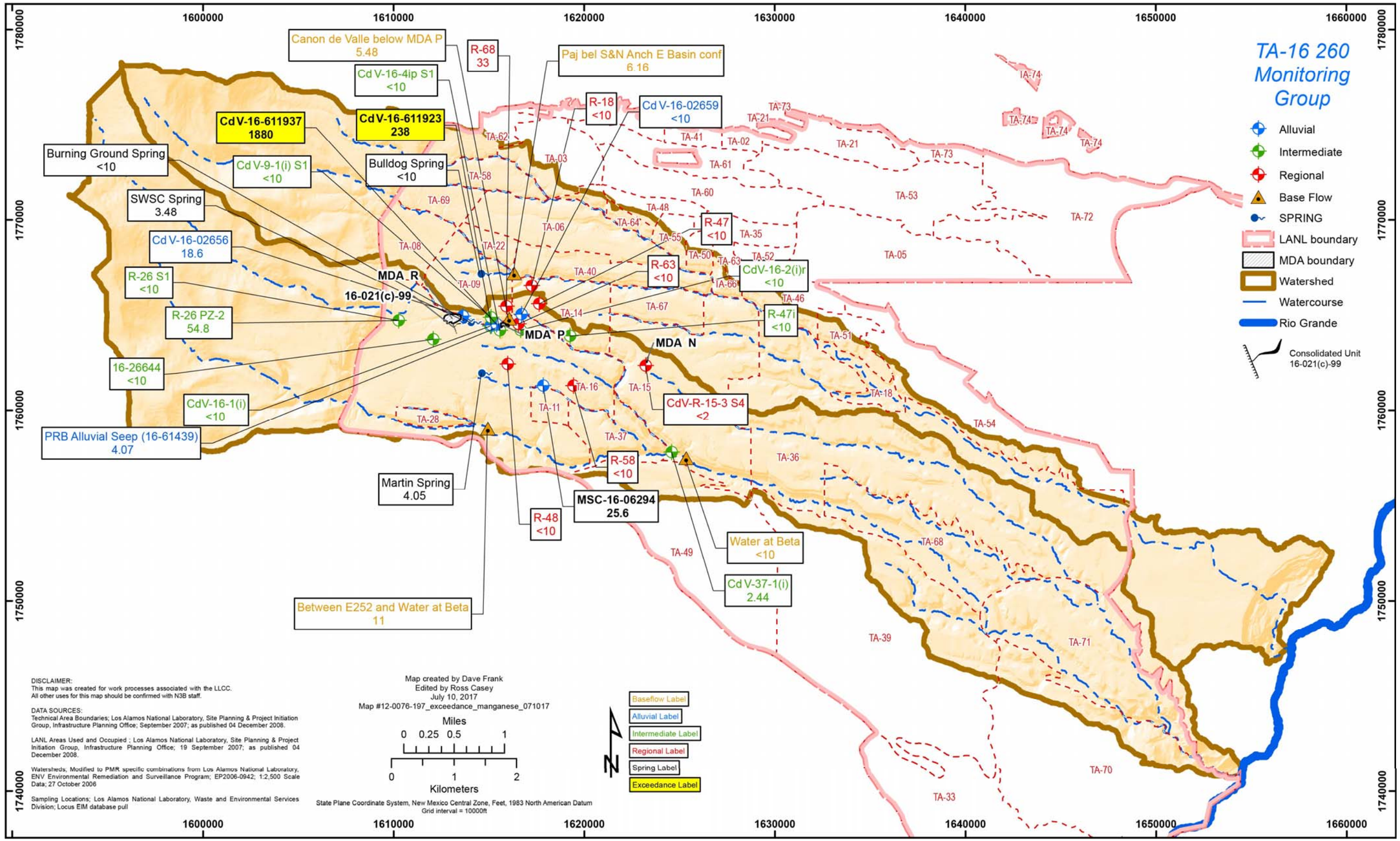

Figure 5.2-3 Monitoring group filtered manganese concentrations in µg/L. The screening value is 200 µg/L.

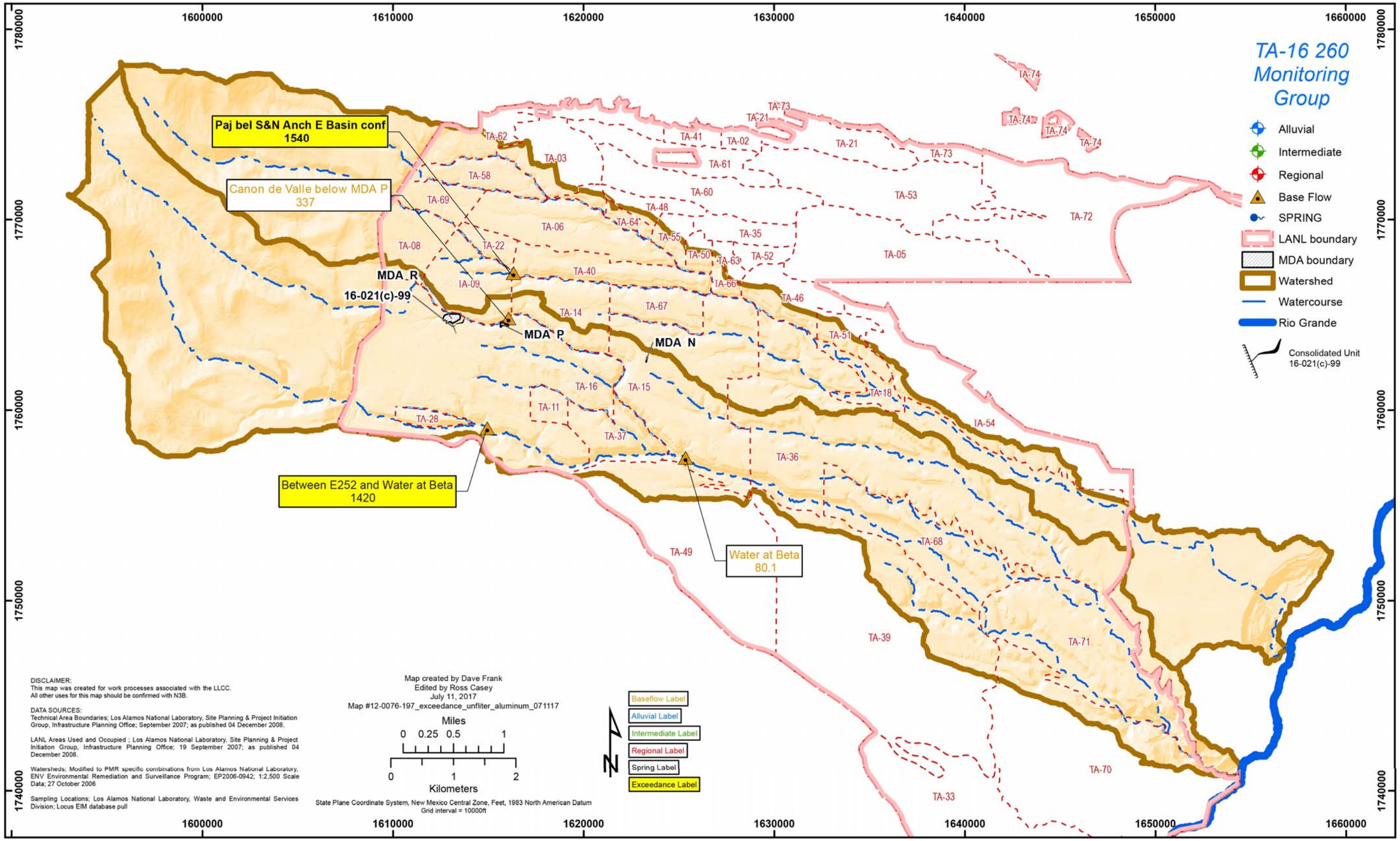

Figure 5.2-4 Monitoring group unfiltered aluminum concentrations in µg/L. The hardness-dependent screening values are 841 µg/L (Cañon de Valle) and 530 µg/L (Pajarito Canyon).

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

Location Name	Watershed	Sampling Event		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])
		MY	Quarter							
Base Flow										
Between E252 and Water at Beta	Water	2017	3	06/07/17	n/a[b]	n/a	n/a	n/a	n/a	68.7
Canon de Valle below Material Disposal Area (MDA) P	Water			06/02/17	n/a	n/a	n/a	n/a	n/a	9.43
Pajarito below S&N Ancho E Basin Confluence	Pajarito			06/01/17	n/a	n/a	n/a	n/a	n/a	99.9
Water at Beta	Water			06/09/17	n/a	n/a	n/a	n/a	n/a	2.69
Between E252 and Water at Beta	Water		4	09/07/17	n/a	n/a	n/a	n/a	n/a	13.5
Canon de Valle below MDA P	Water			n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pajarito below S&N Ancho E Basin Confluence	Pajarito			09/06/17	n/a	n/a	n/a	n/a	n/a	18.0
Water at Beta	Water			n/a	n/a	n/a	n/a	n/a	n/a	n/a
Between E252 and Water at Beta	Water	2018	2	02/08/18	n/a	n/a	n/a	n/a	n/a	40.4
Canon de Valle below MDA P	Water			02/10/18	n/a	n/a	n/a	n/a	n/a	2.52
Pajarito below S&N Ancho E Basin Confluence	Pajarito			02/13/18	n/a	n/a	n/a	n/a	n/a	22.9
Water at Beta	Water			n/a	n/a	n/a	n/a	n/a	n/a	n/a
Spring										
Bulldog Spring	Pajarito	2017	3	06/01/17	n/a	n/a	n/a	n/a	n/a	4.68
Burning Ground Spring	Water			06/09/17	n/a	n/a	n/a	n/a	n/a	8.08
Martin Spring	Water			06/01/17	n/a	n/a	n/a	n/a	n/a	0.83
SWSC Spring	Water			06/09/17	n/a	n/a	n/a	n/a	n/a	0.75

Table 2.0-1 (continued)

Location Name	Watershed	Sampling Event		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])
		MY	Quarter							
Bulldog Spring	Pajarito	2017	4	08/29/17	n/a	n/a	n/a	n/a	n/a	2.03
Burning Ground Spring	Water			09/01/17	n/a	n/a	n/a	n/a	n/a	4.42
Martin Spring	Water			08/29/17	n/a	n/a	n/a	n/a	n/a	0.71
SWSC Spring	Water			n/a	n/a	n/a	n/a	n/a	n/a	n/a
Bulldog Spring	Pajarito	2018	2	02/21/18	n/a	n/a	n/a	n/a	n/a	0.91
Burning Ground Spring	Water			02/10/18	n/a	n/a	n/a	n/a	n/a	4.28
Martin Spring	Water			02/23/18	n/a	n/a	n/a	n/a	n/a	0.82
SWSC Spring	Water			n/a	n/a	n/a	n/a	n/a	n/a	n/a
Alluvial										
CdV-16-02656	Water	2017	3	06/02/17	5.0	3.0	8.0	0.74	1.5	0.13
CdV-16-02657r	Water			n/a	2.0	1.35	3.35	n/a	n/a	n/a
CdV-16-02659	Water			06/15/17	5.0	1.7	6.7	1.45	1.61	0.07
CdV-16-611923	Water			06/06/17	5.0	3.2	8.2	0.66	2.08	0.14
CdV-16-611937	Water			06/06/17	5.0	3.0	8.0	0.79	2.39	0.073–0.079[c]
FLC-16-25280	Water			n/a	1.6	2.6	4.2	n/a	n/a	n/a
MSC-16-06293	Water			n/a	5.0	2.0	7.0	n/a	n/a	n/a
MSC-16-06294	Water			n/a	4.8	2.5	7.3	n/a	n/a	n/a
PRB Alluvial Seep (16-61439)	Water			6/12/17	n/a	n/a	n/a	n/a	n/a	0.67
CdV-16-02656	Water		4	09/01/17	5.0	3.0	8.0	0.62	1.08	0.06
CdV-16-02657r	Water			n/a	2.0	1.35	3.35	n/a	n/a	n/a
CdV-16-02659	Water			09/14/17	5.0	1.7	6.7	0.95	1.02	0.06
CdV-16-611923	Water			n/a	5.0	3.2	8.2	n/a	n/a	n/a
CdV-16-611937	Water			09/12/17	5.0	3.0	8.0	0.69	1.5	0.06
FLC-16-25280	Water			n/a	1.6	2.6	4.2	n/a	n/a	n/a
MSC-16-06293	Water			n/a	5.0	2.0	7.0	n/a	n/a	n/a

Table 2.0-1 (continued)

Location Name	Watershed	Sampling Event		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])
		MY	Quarter							
MSC-16-06294	Water	2017 (cont'd)	4 (cont'd)	n/a	4.8	2.5	7.3	n/a	n/a	n/a
PRB Alluvial Seep (16-61439)	Water			09/15/17	n/a	n/a	n/a	n/a	n/a	0.44
CdV-16-02656	Water	2018	2	02/10/18	5.0	3.0	8.0	0.64	2.0	0.079–0.085[c]
CdV-16-02657r	Water			n/a	2.0	1.35	3.35	n/a	n/a	n/a
CdV-16-02659	Water			02/10/18	5.0	1.7	6.7	1.49	1.68	0.08
CdV-16-611923	Water			02/16/18	5.0	3.2	8.2	0.6	1.56	0.08–0.1[c]
CdV-16-611937	Water			02/16/18	5.0	3.0	8.0	0.81	2.42	0.06–0.1[c]
FLC-16-25280	Water			n/a	1.6	2.6	4.2	n/a	n/a	n/a
MSC-16-06293	Water			n/a	5.0	2.0	7.0	n/a	n/a	n/a
MSC-16-06294	Water			02/10/18	4.8	2.5	7.3	2.77	2.89	0.04–0.06[c]
PRB Alluvial Seep (16-61439)	Water			02/16/18	n/a	n/a	n/a	n/a	n/a	n/a
Intermediate										
16-26644	Water	2017	3	05/31/17	15.0	130.0	145.0	1.79	9.6	0.64
CdV-9-1(i) S1	Water			05/31/17	55.0	937.4	992.4	100	303	2.94
CdV-16-1(i)	Water			06/12/17	10.0	624.0	634.0	59.6	179	0.92
CdV-16-2(i)r	Water			06/06/17	9.7	850.0	859.7	23.8	72.6	2.42
CdV-16-4ip S1	Water			06/06/17	63.6	815.6	879.2	85.4	263	9.38
R-26 PZ-2	Water			06/07/17	30	150	180	0.4	0.41	NC[d]
R-47i	Water			06/14/17	20.6	840.0	860.6	33.9	103	1.07
16-26644	Water		4	08/31/17	15.0	130.0	145.0	1.28	5.7	0.38
CdV-9-1(i) S1	Water			08/30/17	55.0	937.4	992.4	84.5	256	2.88
CdV-16-1(i)	Water			09/15/17	10.0	624.0	634.0	58.7	177	0.92
CdV-16-2(i)r	Water			08/29/17	9.7	850.0	859.7	23.6	143	2.38
CDV-16-4ip S1	Water			08/29/17	63.6	815.6	879.2	85.0	264	9.09
CdV-37-1(i)	Water			09/08/17	20.5	632.0	652.5	33.4	102	2.5

Table 2.0-1 (continued)

Location Name	Watershed	Sampling Event		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])
		MY	Quarter							
R-26 PZ-2	Water	2017 (cont'd)	4 (cont'd)	08/30/17	30	150	180	0.36	0.37	NC[d]
R-26 S1	Water			08/31/17	18.1	651.8	669.9	73.8	222	3.7
R-47i	Water			09/13/17	20.6	840.0	860.6	33.9	102	0.93
16-26644	Water	2018	1	12/06/17	15.0	130.0	145.0	1.27	6.3	0.42
CdV-9-1(i) S1	Water			12/19/17	55.0	937.4	992.4	81.3	248	2.75
CdV-16-1(i)	Water			12/08/17	10.0	624.0	634.0	58.0	175	1.06
CdV-16-2(i)r	Water			12/05/17	9.7	850.0	859.7	23.3	92	3.0
CdV-16-4ip S1	Water			12/05/17	63.6	815.6	879.2	85.0	262	9.37
R-47i	Water			12/15/17	20.6	840.0	860.6	33.6	101	0.79
16-26644	Water		2	02/22/18	15.0	130.0	145.0	1.24	9.38	0.57
16-612309 (Surge Bed Well)	Water			n/a	4.0	15.6	19.6	n/a	n/a	n/a
CdV-9-1(i) S1	Water			02/06/18	55.0	937.4	992.4	81.1	248	2.75
CdV-16-1(i)	Water			02/16/18	10.0	624.0	634.0	57.5	173	0.96
CdV-16-2(i)r	Water			02/16/18	9.7	850.0	859.7	23.2	77.0	2.85
CdV-16-4ip S1	Water			02/16/18	63.6	815.6	879.2	84.9	265	8.82
CdV-37-1(i)	Water			02/09/18	20.5	632.0	652.5	33.8	112	3.19
R-26 PZ-2	Water			02/21/18	30	150	180	0.39	0.4	NC[d]
R-26 S1	Water			02/21/18	18.1	651.8	669.9	74.1	240	4.0
R-47i	Water			02/08/18	20.6	840.0	860.6	33.5	104	0.8
Regional										
R-18	Pajarito	2017	3	06/01/17	23.0	1358.0	1381.0	96.1	293	6.97
R-47	Water			06/13/17	21.3	1322.0	1343.3	51.2	156	4.0
R-48	Water			06/05/17	20.6	1500.0	1520.6	189	570	6.0
R-58	Water			06/08/17	20.3	1257	1277.3	47.9	148	4.35
R-63	Water			06/14/17	20.2	1325.1	1345.3	105	314	7.31
R-68	Water			06/02/17	20.4	1340	1360.4	46.2	292	5.76–5.88[c]

Table 2.0-1 (continued)

Location Name	Watershed	Sampling Event		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])
		MY	Quarter							
CdV-R-15-3 S4	Water	2017 (cont'd)	4	09/14/17	43.8	1235.1	1278.9	44.6	138	6.25
R-18	Pajarito			08/31/17	23.0	1358.0	1381.0	96.0	293	6.98
R-47	Water			09/13/17	21.3	1322.0	1343.3	51.1	156	3.9
R-48	Water			09/05/17	20.6	1500.0	1520.6	189	569	6.25
R-58	Water			09/05/17	20.3	1257	1277.3	47.9	148	4.22
R-63	Water			09/11/17	20.2	1325.1	1345.3	104	314	7.31
R-68	Water			07/13/17[e]	20.2	1325.1	1345.3	46.3	142	5.45
R-68	Water			09/06/17	20.4	1340	1360.4	46.3	144	5.77
R-18	Pajarito	2018	1	12/15/17	23.0	1358.0	1381.0	96.1	293	6.66
R-47	Water			12/11/17	21.3	1322.0	1343.3	50.8	156	3.9
R-48	Water			12/06/17	20.6	1500.0	1520.6	189	570	6.0
R-58	Water			12/06/17	20.3	1257	1277.3	47.9	148	4.34
R-63	Water			12/05/17	20.2	1325.1	1345.3	104	315	7.5
R-68	Water			12/11/17	20.4	1340	1360.4	46.4	283	5.66
CdV-R-15-3 S4	Water	2018	2	02/22/18	43.8	1235.1	1278.9	44.7	150	6.25
R-18	Pajarito			02/13/18	23.0	1358.0	1381.0	96.1	293	6.52
R-47	Water			02/13/18	21.3	1322.0	1343.3	51.0	158	3.95
R-48	Water			02/07/18	20.6	1500.0	1520.6	189	581	6.12
R-58	Water			02/07/18	20.3	1257	1277.3	47.8	150	4.28
R-63	Water			02/07/18	20.2	1325.1	1345.3	104	321	7.14
R-68	Water			02/06/18	20.4	1340	1360.4	46.9	142	5.45

[a] gpm = Gallons per minute.

[b] n/a = Not applicable.

[c] Purge rate was not constant and the range of purge rates is reported.

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

[e] RDX Project sample.

Table 3.0-1
Sources for Standards and Screening Levels for
Groundwater and Surface Water at Los Alamos National Laboratory

Standard Source	Standard Type	Groundwater	Surface Water
DOE Order 458.1	DOE BCG	n/a[a]	X[b]
DOE Order 458.1	DOE 100-mrem Public Dose DCS	X	n/a
DOE Order 458.1	DOE 4-mrem Drinking Water DCS	X	n/a
40 CFR[c] 141	EPA MCL	X	n/a
NMED Screening Levels[d]	Screening Levels for Tap Water	X	n/a
EPA Regional Screening Levels[e]	Screening Levels for Tap Water	X	n/a
20 NMAC 6.2.3103	NMWQCC Groundwater Standard	X	n/a
20 NMAC 6.4.900.C	NMWQCC Irrigation Standard	n/a	X
20 NMAC 6.4.900.F	NMWQCC Livestock Watering Standard	n/a	X
20 NMAC 6.4.900.G	NMWQCC Wildlife Habitat Standard	n/a	X
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Standards Acute	n/a	X[f,g]
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Standards Chronic	n/a	X[f,g]
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Human Health Standard	n/a	X

[a] n/a = Not applicable.

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

[c] CFR = Code of Federal Regulations.

[d] Reference: "Risk Assessment Guidance for Site Investigations and Remediation," New Mexico Environment Department, March 2017 (NMED 2017, 602273).

[e] Available at https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables.

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

[g] Standard for dissolved chromium(VI) conservatively compared with results for dissolved chromium https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables.

Table 4.4-1
TA-16 260 Monitoring Group PME Observations and Deviations

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comments
		MY	Quarter			
CdV-16-02657r	Water	2017	3	A sample was not collected.	The location was found to have insufficient water for sampling during a pre-sampling site visit. Sampling was cancelled on 06/07/17.	None
FLC-16-25280	Water			A sample was not collected.	The location was found to have insufficient water for sampling during a pre-sampling site visit. Sampling was cancelled on 06/07/17.	None
MSC-16-06293	Water			A sample was not collected.	The location was found to have insufficient water for sampling during a pre-sampling site visit. Sampling was cancelled on 06/07/17.	None
MSC-16-06294	Water			A sample was not collected.	The site was inaccessible. Sampling was cancelled on 06/08/17.	None.
16-26644	Water		4	Seal on field trip blank for VOC sample collected on 08/31/17 was broken.	Unknown	Sample Management Office (SMO) was contacted and approved use of field trip blank with broken seal.
Between E252 and Water at Beta	Water			Seal on field trip blank for VOC sample collected on 09/07/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
Bulldog Spring	Pajarito			Seal on field trip blank for VOC sample collected on 08/29/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
Burning Ground Spring	Water			Seal on field trip blank for VOC sample collected on 09/01/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
Cañon de Valle below MDA P	Water			A sample was not collected.	The location had insufficient water for sampling. The attempted sampling date was 09/01/17.	None

Table 4.4-1 (continued)

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comment
		MY	Quarter			
CdV-16-02656	Water	2017 (cont'd)	4 (cont'd)	Seal on field trip blank for VOC sample collected on 09/01/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
CdV-16-02657r	Water			A sample was not collected.	The location had insufficient water for sampling. The attempted sampling date was 09/01/17.	None
CdV-16-02659	Water			Seal on field trip blank for VOC sample collected on 09/14/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
CdV-16-611923	Water			A sample was not collected.	The location was found to have insufficient water for sampling during a pre-sampling site visit. Sampling was cancelled on 08/02/17.	None
FLC-16-25280	Water			A sample was not collected.	The location was found to have insufficient water for sampling during a pre-sampling site visit. Sampling was cancelled on 08/02/17.	None
Martin Spring	Water			Seal on field trip blank for VOC sample collected on 08/29/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
MSC-16-06293	Water			A sample was not collected.	The location was found to have insufficient water for sampling during a pre-sampling site visit. Sampling was cancelled on 08/02/17.	None
MSC-16-06294	Water			A sample was not collected.	The location had insufficient water for sampling. The attempted sampling date was 09/11/17.	None
PRB Alluvial Seep (16-61439)	Water			Seal on field trip blank for VOC sample collected on 09/15/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
R-18	Pajarito			Seal on field trip blank for VOC sample collected on 08/31/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.

Table 4.4-1 (continued)

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comment
		MY	Quarter			
R-26 PZ-2	Water	2017 (cont'd)	4 (cont'd)	A prioritized sampling suite was collected.	A limited volume of water was available for sample collection.	Samples for VOCs, HE/RDX degradation products, and perchlorate analyses were collected according to the prioritized sampling protocol for the well.
				Seal on field trip blank for VOC sample collected on 08/30/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
R-26 S1	Water			Seal on field trip blank for VOC sample collected on 08/31/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
R-58	Water			Seal on field trip blank for VOC sample collected on 09/05/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
R-63	Water			Seal on field trip blank for VOC sample collected on 09/11/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
SWSC Spring	Water			A sample was not collected.	The location had insufficient water for sampling. The attempted sampling date was 09/01/17.	None
Water at Beta	Water			A sample was not collected.	The location had insufficient water for sampling. The attempted sampling date was 09/08/17.	None
16-612309 (Surge Bed Well)	Water	2018	2	A sample was not collected.	The location was dry. The attempted sampling date was 02/10/18.	None
CdV-16-02657r	Water			A sample was not collected.	The location was dry. The attempted sampling date was 02/10/18.	None
FLC-16-25280	Water			A sample was not collected.	The location was found to have insufficient water for sampling during a pre-sampling site visit. Sampling was cancelled on 02/02/18.	None

Table 4.4-1 (continued)

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comment
		MY	Quarter			
MSC-16-06293	Water	2018 (cont'd)	2 (cont'd)	A sample was not collected.	The location was found to have insufficient water for sampling during a pre-sampling site visit. Sampling was cancelled on 02/02/18.	None
MSC-16-06294	Water			A prioritized sampling suite was collected.	A limited volume of water was available for sample collection.	Samples for metals, VOCs, semivolatile organic compounds (SVOCs), HE/RDX degradation products, and general inorganics analyses were collected according to the prioritized sampling protocol for the well.
R-26 PZ-2	Water			A prioritized sampling suite was collected.	A limited volume of water was available for sample collection.	Samples for VOCs, SVOCs, and HE/RDX degradation products analyses were collected according to the prioritized sampling protocol for the well.
SWSC Spring	Water			A sample was not collected.	The location was dry. The attempted sampling date was 02/10/18.	None
Water at Beta	Water			A sample was not collected.	The location was dry. The attempted sampling date was 02/09/18.	None

Table 4.4-2
Target Analytes with MDLs above Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Metals						
Cadmium	0.3–0.3	SW-846:6020	0.28	µg/L	NM Aquatic Chronic 50 mg/L hardness[a]	GELC[b]
Thallium	0.6	SW-846:6020	0.47	µg/L	NM HH OO[c]	GELC
Semivolatile Organic Compounds						
Atrazine	3–3.41	SW-846:8270D	3	µg/L	EPA MCL	GELC
Azobenzene	3–3.41	SW-846:8270D	1.2	µg/L	EPA TAP SCRN LVL[d]	GELC
Benzidine	3.9–4.43	SW-846:8270D	0.00109	µg/L	NMED A1 TAP SCRN LVL[e]	GELC
Benzo(a)anthracene	0.3–0.341	SW-846:8270D	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.3–0.341	SW-846:8270D	0.2	µg/L	EPA MCL	GELC
Bis(2-chloroethyl)ether	3–3.41	SW-846:8270D	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Chloroaniline[4-]	3.3–3.75	SW-846:8270D	3.7	µg/L	EPA TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.3–0.341	SW-846:8270D	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	3–3.41	SW-846:8270D	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	3–3.41	SW-846:8270D	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	3–3.41	SW-846:8270D	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	3–3.41	SW-846:8270D	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	3–3.41	SW-846:8270D	1	µg/L	EPA MCL	GELC
Hexachlorobutadiene	3–3.41	SW-846:8270D	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachloroethane	3–3.41	SW-846:8270D	3.28	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	3–3.41	SW-846:8270D	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	3–3.41	SW-846:8270D	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	3–3.41	SW-846:8270D	0.11	µg/L	EPA TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	3–3.41	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	3–3.41	SW-846:8270D	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	3–3.41	SW-846:8270D	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorobenzene	3–3.41	SW-846:8270D	3.07	µg/L	NMED A1 TAP SCRN LVL	GELC

Table 4.4-2 (continued)

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Pentachlorophenol	3–3.41	SW-846:8270D	1	µg/L	EPA MCL	GELC
Tetrachlorobenzene[1,2,4,5]	3–3.41	SW-846:8270D	1.66	µg/L	NMED A1 TAP SCRN LVL	GELC
Volatile Organic Compounds						
Acrolein	1.5	SW-846:8260B	0.0415	µg/L	NMED A1 TAP SCRN LVL	GELC
Acrylonitrile	1.5	SW-846:8260B	0.523	µg/L	NMED A1 TAP SCRN LVL	GELC
Chloro-1,3-butadiene[2-]	0.3–0.3	SW-846:8260B	0.187	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibromo-3-Chloropropane[1,2-]	0.5–0.5	SW-846:8260B	0.2	µg/L	EPA MCL	GELC
Dibromoethane[1,2-]	0.3–0.3	SW-846:8260B	0.05	µg/L	EPA MCL	GELC
Dibromomethane	0.3–0.3	SW-846:8260B	0.0747	µg/L	NMED A1 TAP SCRN LVL	GELC
Dioxane[1,4-]	15	SW-846:8260B	4.59	µg/L	NMED A1 TAP SCRN LVL	GELC
Trichloropropane[1,2,3-]	0.3	SW-846:8260B	0.00835	µg/L	NMED A1 TAP SCRN LVL	GELC
Dioxins/Furans						
Tetrachlorodibenzofuran[2,3,7,8-]	0.00000345–0.00000361	SW-846:8290A	0.00000184	µg/L	NMED A1 TAP SCRN LVL	CFAf

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

[a] NM Aquatic Chronic 50 mg/L hardness = New Mexico chronic aquatic life water quality standard based on 50 mg/L hardness.

[b] GELC = GEL Laboratories, LLC, Division of the GEL Group, Charleston, SC.

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

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

[e] NMED A1 TAP SCRN LVL = New Mexico Environment Department screening level for tap water.

[f] CFA = Cape Fear Analytical, LLC, Wilmington, NC.

Table 5.2-1
Base-Flow Location Type and Hardness Assignments Used to Select Screening Values

Watershed	Location	Stream Type	Hardness (mg/L as $CaCO_3$)
Water	Between E252 and Water at Beta	Perennial	50
Water	Canon de Valle below MDA P	Perennial	70
Water	Water at Beta	Perennial	50
Pajarito	Pajarito below S&N Ancho E Basin Confluence	Perennial	50

Table 5.2-2
TA-16 260 Monitoring Group Results above Screening Values

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening Value Source
		MY	Quarter							
Base Flow										
Between E252 and Water at Beta	Water	2017	3	06/07/17	Aluminum	UF[a]	614	µg/L	530	NMWQCC Aquatic Life Standards Chronic[b]
Between E252 and Water at Beta	Water	2018	2	02/08/18	Aluminum	UF	1420	µg/L	530	NMWQCC Aquatic Life Standards Chronic
Pajarito below S&N Ancho E Basin Confluence	Pajarito	2017	3	06/01/17	Aluminum	UF	1470	µg/L	530	NMWQCC Aquatic Life Standards Chronic
Pajarito below S&N Ancho E Basin Confluence	Pajarito	2018	2	02/13/18	Aluminum	UF	1540	µg/L	530	NMWQCC Aquatic Life Standards Chronic
Springs										
Bulldog Spring	Pajarito	2018	2	02/21/18	RDX	UF	7.69	µg/L	7.02	NMED A1 TAP SCRN LVL[c]
Burning Ground Spring	Water	2017	3	06/09/17	RDX	UF	7.5	µg/L	7.02	NMED A1 TAP SCRN LVL
Burning Ground Spring	Water	2017	4	09/01/17	RDX	UF	12	µg/L	7.02	NMED A1 TAP SCRN LVL
Burning Ground Spring	Water	2018	2	02/10/18	RDX	UF	15	µg/L	7.02	NMED A1 TAP SCRN LVL
Martin Spring	Water	2017	3	06/01/17	Boron	F[d]	918	µg/L	750	NMWQCC GW STD[e]
Martin Spring	Water	2017	4	08/29/17	Boron	F	934	µg/L	750	NMWQCC GW STD
Martin Spring	Water	2018	2	02/23/18	Boron	F	984	µg/L	750	NMWQCC GW STD
Martin Spring	Water	2017	3	06/01/17	RDX	UF	74	µg/L	7.02	NMED A1 TAP SCRN LVL
Martin Spring	Water	2017	4	08/29/17	RDX	UF	61.1	µg/L	7.02	NMED A1 TAP SCRN LVL
Martin Spring	Water	2018	2	02/23/18	RDX	UF	80.4	µg/L	7.02	NMED A1 TAP SCRN LVL
SWSC Spring	Water	2017	3	06/09/17	RDX	UF	12.7	µg/L	7.02	NMED A1 TAP SCRN LVL

Table 5.2-2 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening Value Source
		MY	Quarter							
Alluvial										
CdV-16-02656	Water	2017	3	06/02/17	Barium	F	1840	µg/L	1000	NMWQCC GW STD
CdV-16-02656	Water	2017	4	09/01/17	Barium	F	1850	µg/L	1000	NMWQCC GW STD
CdV-16-02656	Water	2018	2	02/10/18	Barium	F	1520	µg/L	1000	NMWQCC GW STD
CdV-16-02659	Water	2017	3	06/15/17	Barium	F	4750	µg/L	1000	NMWQCC GW STD
CdV-16-02659	Water	2017	4	09/14/17	Barium	F	4940	µg/L	1000	NMWQCC GW STD
CdV-16-02659	Water	2018	2	02/10/18	Barium	F	4010	µg/L	1000	NMWQCC GW STD
CdV-16-02659	Water	2017	3	06/15/17	RDX	UF	10.7	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-02659	Water	2017	3	06/15/17	RDX	UF	10.5	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-02659	Water	2017	4	09/14/17	RDX	UF	7.21	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-611923	Water	2017	3	06/06/17	Barium	F	6810	µg/L	1000	NMWQCC GW STD
CdV-16-611923	Water	2018	2	02/16/18	Barium	F	5050	µg/L	1000	NMWQCC GW STD
CdV-16-611923	Water	2017	3	06/06/17	Manganese	F	238	µg/L	200	NMWQCC GW STD
CdV-16-611937	Water	2017	4	09/12/17	Barium	F	2390	µg/L	1000	NMWQCC GW STD
CdV-16-611937	Water	2018	2	02/16/18	Barium	F	1340	µg/L	1000	NMWQCC GW STD
CdV-16-611937	Water	2017	4	09/12/17	Iron	F	4690	µg/L	1000	NMWQCC GW STD
CdV-16-611937	Water	2018	2	02/16/18	Iron	F	11,700	µg/L	1000	NMWQCC GW STD
CdV-16-611937	Water	2017	3	06/06/17	Manganese	F	1030	µg/L	200	NMWQCC GW STD
CdV-16-611937	Water	2017	4	09/12/17	Manganese	F	1850	µg/L	200	NMWQCC GW STD
CdV-16-611937	Water	2018	2	02/16/18	Manganese	F	1880	µg/L	200	NMWQCC GW STD
PRB Alluvial Seep (16-61439)	Water	2017	3	06/12/17	Barium	F	3390	µg/L	1000	NMWQCC GW STD
PRB Alluvial Seep (16-61439)	Water	2017	4	09/15/17	Barium	F	3730	µg/L	1000	NMWQCC GW STD
PRB Alluvial Seep (16-61439)	Water	2018	2	02/16/18	Barium	F	2960	µg/L	1000	NMWQCC GW STD
PRB Alluvial Seep (16-61439)	Water	2017	3	06/12/17	RDX	UF	13.1	µg/L	7.02	NMED A1 TAP SCRN LVL
PRB Alluvial Seep (16-61439)	Water	2018	2	02/16/18	RDX	UF	10.5	µg/L	7.02	NMED A1 TAP SCRN LVL

Table 5.2-2 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening Value Source
		MY	Quarter							
Intermediate										
CdV-16-1(i)	Water	2017	3	06/12/17	RDX	UF	37.4	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-1(i)	Water	2017	4	09/15/17	RDX	UF	27.5	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-1(i)	Water	2018	1	12/08/17	RDX	UF	28	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-1(i)	Water	2018	2	02/16/18	RDX	UF	31.4	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-2(i)r	Water	2017	3	06/06/17	RDX	UF	99.3	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-2(i)r	Water	2017	4	08/29/17	RDX	UF	99.1	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-2(i)r	Water	2018	1	12/05/17	RDX	UF	126	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-2(i)r	Water	2018	2	02/16/18	RDX	UF	98.1	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-4ip S1	Water	2017	3	06/06/17	RDX	UF	113	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-4ip S1	Water	2017	4	08/29/17	RDX	UF	134	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-4ip S1	Water	2018	1	12/05/17	RDX	UF	177	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-16-4ip S1	Water	2018	2	02/16/18	RDX	UF	138	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-9-1(i) S1	Water	2017	3	05/31/16	RDX	UF	20.8	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-9-1(i) S1	Water	2017	4	08/30/16	RDX	UF	20	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-9-1(i) S1	Water	2018	1	12/19/17	RDX	UF	17.6	µg/L	7.02	NMED A1 TAP SCRN LVL
CdV-9-1(i) S1	Water	2018	2	02/06/18	RDX	UF	17.6	µg/L	7.02	NMED A1 TAP SCRN LVL
Regional										
R-68	Water	2017	3	06/02/17	RDX	UF	8.08	µg/L	7.02	NMED A1 TAP SCRN LVL
R-68	Water	2017	4	07/13/17	RDX	UF	10.2	µg/L	7.02	NMED A1 TAP SCRN LVL
R-68	Water	2017	4	09/06/17	RDX	UF	17.1	µg/L	7.02	NMED A1 TAP SCRN LVL
R-68	Water	2018	1	12/11/17	RDX	UF	13.7	µg/L	7.02	NMED A1 TAP SCRN LVL
R-68	Water	2018	2	02/06/18	RDX	UF	16	µg/L	7.02	NMED A1 TAP SCRN LVL

[a] UF = Unfiltered.1

[b] NMWQCC Aquatic Life Standards Chronic = New Mexico Water Quality Control Commission aquatic life standards for chronic exposure.

[c] NMED A1 TAP SCRN LVL = New Mexico Environment Department screening level for tap water.

[d] F = Filtered.

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

Appendix A

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

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
16-26644	—[a]	02/22/18	WG[b]	Dissolved Oxygen	7.73	mg/L[c]	CAWA-18-31
16-26644	—	12/06/17	WG	Dissolved Oxygen	7.58	mg/L	CAWA-18-148901
16-26644	—	08/31/17	WG	Dissolved Oxygen	7.77	mg/L	CAWA-17-142889
16-26644	—	05/31/17	WG	Dissolved Oxygen	7.91	mg/L	CAWA-17-133278
16-26644	—	03/08/17	WG	Dissolved Oxygen	7.7	mg/L	CAWA-17-130159
16-26644	—	12/07/16	WG	Dissolved Oxygen	7.92	mg/L	CAWA-17-127920
16-26644	—	09/19/16	WG	Dissolved Oxygen	7.7	mg/L	CAWA-16-125183
16-26644	—	06/13/16	WG	Dissolved Oxygen	7.6	mg/L	CAWA-16-121749
16-26644	—	02/22/18	WG	Flow (in gpm[d])	0.57	gpm	CAWA-18-31
16-26644	—	12/06/17	WG	Flow (in gpm)	0.42	gpm	CAWA-18-148901
16-26644	—	08/31/17	WG	Flow (in gpm)	0.38	gpm	CAWA-17-142889
16-26644	—	05/31/17	WG	Flow (in gpm)	0.64	gpm	CAWA-17-133278
16-26644	—	03/08/17	WG	Flow (in gpm)	0.67	gpm	CAWA-17-130159
16-26644	—	12/07/16	WG	Flow (in gpm)	0.81	gpm	CAWA-17-127920
16-26644	—	09/19/16	WG	Flow (in gpm)	0.61	gpm	CAWA-16-125183
16-26644	—	06/13/16	WG	Flow (in gpm)	0.71	gpm	CAWA-16-121749
16-26644	—	02/22/18	WG	Oxidation-Reduction Potential	166.3	mV[e]	CAWA-18-31
16-26644	—	12/06/17	WG	Oxidation-Reduction Potential	129.8	mV	CAWA-18-148901
16-26644	—	08/31/17	WG	Oxidation-Reduction Potential	222.3	mV	CAWA-17-142889
16-26644	—	05/31/17	WG	Oxidation-Reduction Potential	163.6	mV	CAWA-17-133278
16-26644	—	03/08/17	WG	Oxidation-Reduction Potential	155.8	mV	CAWA-17-130159
16-26644	—	12/07/16	WG	Oxidation-Reduction Potential	113.9	mV	CAWA-17-127920
16-26644	—	09/19/16	WG	Oxidation-Reduction Potential	198.7	mV	CAWA-16-125183
16-26644	—	06/13/16	WG	Oxidation-Reduction Potential	266.8	mV	CAWA-16-121749
16-26644	—	02/22/18	WG	pH	6.79	SU[f]	CAWA-18-31
16-26644	—	12/06/17	WG	pH	6.93	SU	CAWA-18-148901
16-26644	—	08/31/17	WG	pH	6.94	SU	CAWA-17-142889
16-26644	—	05/31/17	WG	pH	6.55	SU	CAWA-17-133278

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
16-26644	—	03/08/17	WG	pH	6.54	SU	CAWA-17-130159
16-26644	—	12/07/16	WG	pH	6.9	SU	CAWA-17-127920
16-26644	—	09/19/16	WG	pH	6.72	SU	CAWA-16-125183
16-26644	—	06/13/16	WG	pH	4.74	SU	CAWA-16-121749
16-26644	—	02/22/18	WG	Specific Conductance	196.6	µS/cm[g]	CAWA-18-31
16-26644	—	12/06/17	WG	Specific Conductance	194.5	µS/cm	CAWA-18-148901
16-26644	—	08/31/17	WG	Specific Conductance	201.5	µS/cm	CAWA-17-142889
16-26644	—	05/31/17	WG	Specific Conductance	157.2	µS/cm	CAWA-17-133278
16-26644	—	03/08/17	WG	Specific Conductance	269.1	uS/cm	CAWA-17-130159
16-26644	—	12/07/16	WG	Specific Conductance	213.7	µS/cm	CAWA-17-127920
16-26644	—	09/19/16	WG	Specific Conductance	236.1	µS/cm	CAWA-16-125183
16-26644	—	06/13/16	WG	Specific Conductance	186	µS/cm	CAWA-16-121749
16-26644	—	02/22/18	WG	Temperature	11.4	deg C[h]	CAWA-18-31
16-26644	—	12/06/17	WG	Temperature	11	deg C	CAWA-18-148901
16-26644	—	08/31/17	WG	Temperature	13.1	deg C	CAWA-17-142889
16-26644	—	05/31/17	WG	Temperature	11.7	deg C	CAWA-17-133278
16-26644	—	03/08/17	WG	Temperature	11.6	deg C	CAWA-17-130159
16-26644	—	12/07/16	WG	Temperature	10.7	deg C	CAWA-17-127920
16-26644	—	09/19/16	WG	Temperature	12.9	deg C	CAWA-16-125183
16-26644	—	06/13/16	WG	Temperature	12.32	deg C	CAWA-16-121749
16-26644	—	02/22/18	WG	Turbidity	1.8	NTU[i]	CAWA-18-31
16-26644	—	12/06/17	WG	Turbidity	0.1	NTU	CAWA-18-148901
16-26644	—	08/31/17	WG	Turbidity	1.2	NTU	CAWA-17-142889
16-26644	—	05/31/17	WG	Turbidity	6.5	NTU	CAWA-17-133278
16-26644	—	03/08/17	WG	Turbidity	6.69	NTU	CAWA-17-130159
16-26644	—	12/07/16	WG	Turbidity	3.1	NTU	CAWA-17-127920
16-26644	—	09/19/16	WG	Turbidity	5.4	NTU	CAWA-16-125183
16-26644	—	06/13/16	WG	Turbidity	1.6	NTU	CAWA-16-121749

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
16-61439	—	02/16/18	WG	Dissolved Oxygen	9.27	mg/L	CAWA-18-27
16-61439	—	09/15/17	WG	Dissolved Oxygen	7.43	mg/L	CAWA-17-142890
16-61439	—	06/12/17	WG	Dissolved Oxygen	7.81	mg/L	CAWA-17-133279
16-61439	—	06/12/17	WG	Flow (in gpm)	0.67	gpm	CAWA-17-133279
16-61439	—	02/16/18	WG	pH	7.1	SU	CAWA-18-27
16-61439	—	09/15/17	WG	pH	6.62	SU	CAWA-17-142890
16-61439	—	06/12/17	WG	pH	7.49	SU	CAWA-17-133279
16-61439	—	02/16/18	WG	Specific Conductance	193.3	µS/cm	CAWA-18-27
16-61439	—	09/15/17	WG	Specific Conductance	214.5	µS/cm	CAWA-17-142890
16-61439	—	06/12/17	WG	Specific Conductance	219.1	µS/cm	CAWA-17-133279
16-61439	—	02/16/18	WG	Temperature	5.9	deg C	CAWA-18-27
16-61439	—	09/15/17	WG	Temperature	13.1	deg C	CAWA-17-142890
16-61439	—	06/12/17	WG	Temperature	16.5	deg C	CAWA-17-133279
16-61439	—	02/16/18	WG	Turbidity	4.9	NTU	CAWA-18-27
16-61439	—	09/15/17	WG	Turbidity	8.7	NTU	CAWA-17-142890
16-61439	—	06/12/17	WG	Turbidity	13.1	NTU	CAWA-17-133279
Between E252 and Water at Beta	—	09/07/17	WS[j]	Dissolved Oxygen	7.68	mg/L	CAWA-17-142891
Between E252 and Water at Beta	—	03/14/17	WS	Dissolved Oxygen	9.65	mg/L	CAWA-17-130160
Between E252 and Water at Beta	—	12/13/16	WS	Dissolved Oxygen	10.6	mg/L	CAWA-17-127921
Between E252 and Water at Beta	—	09/13/16	WS	Dissolved Oxygen	8.02	mg/L	CAWA-16-125184
Between E252 and Water at Beta	—	06/21/16	WS	Dissolved Oxygen	7.35	mg/L	CAWA-16-121750
Between E252 and Water at Beta	—	09/07/17	WS	Flow (in gpm)	13.46	gpm	CAWA-17-142891
Between E252 and Water at Beta	—	12/13/16	WS	Flow (in gpm)	49.82	gpm	CAWA-17-127921
Between E252 and Water at Beta	—	09/13/16	WS	Flow (in gpm)	88.87	gpm	CAWA-16-125184
Between E252 and Water at Beta	—	06/21/16	WS	Flow (in gpm)	43.54	gpm	CAWA-16-121750
Between E252 and Water at Beta	—	03/29/16	WS	Flow (in gpm)	149.91	gpm	CAWA-16-110732
Between E252 and Water at Beta	—	09/07/17	WS	pH	8.22	SU	CAWA-17-142891
Between E252 and Water at Beta	—	03/14/17	WS	pH	7.96	SU	CAWA-17-130160

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
Between E252 and Water at Beta	—	12/13/16	WS	pH	7.16	SU	CAWA-17-127921
Between E252 and Water at Beta	—	09/13/16	WS	pH	7.85	SU	CAWA-16-125184
Between E252 and Water at Beta	—	06/21/16	WS	pH	8.21	SU	CAWA-16-121750
Between E252 and Water at Beta	—	09/07/17	WS	Specific Conductance	198.2	µS/cm	CAWA-17-142891
Between E252 and Water at Beta	—	03/14/17	WS	Specific Conductance	164.8	µS/cm	CAWA-17-130160
Between E252 and Water at Beta	—	12/13/16	WS	Specific Conductance	164.5	µS/cm	CAWA-17-127921
Between E252 and Water at Beta	—	09/13/16	WS	Specific Conductance	184.2	µS/cm	CAWA-16-125184
Between E252 and Water at Beta	—	06/21/16	WS	Specific Conductance	207	µS/cm	CAWA-16-121750
Between E252 and Water at Beta	—	09/07/17	WS	Temperature	18.7	deg C	CAWA-17-142891
Between E252 and Water at Beta	—	03/14/17	WS	Temperature	7.5	deg C	CAWA-17-130160
Between E252 and Water at Beta	—	12/13/16	WS	Temperature	2.8	deg C	CAWA-17-127921
Between E252 and Water at Beta	—	09/13/16	WS	Temperature	15.2	deg C	CAWA-16-125184
Between E252 and Water at Beta	—	06/21/16	WS	Temperature	20.17	deg C	CAWA-16-121750
Between E252 and Water at Beta	—	09/07/17	WS	Turbidity	0.9	NTU	CAWA-17-142891
Between E252 and Water at Beta	—	03/14/17	WS	Turbidity	4.1	NTU	CAWA-17-130160
Between E252 and Water at Beta	—	12/13/16	WS	Turbidity	4.3	NTU	CAWA-17-127921
Between E252 and Water at Beta	—	09/13/16	WS	Turbidity	3.9	NTU	CAWA-16-125184
Between E252 and Water at Beta	—	06/21/16	WS	Turbidity	3.1	NTU	CAWA-16-121750
Burning Ground Spring	—	02/10/18	WG	Dissolved Oxygen	8.41	mg/L	CAWA-18-10
Burning Ground Spring	—	09/01/17	WG	Dissolved Oxygen	8.32	mg/L	CAWA-17-142892
Burning Ground Spring	—	06/09/17	WG	Dissolved Oxygen	8.11	mg/L	CAWA-17-133280
Burning Ground Spring	—	03/10/17	WG	Dissolved Oxygen	8.12	mg/L	CAWA-17-130161
Burning Ground Spring	—	12/09/16	WG	Dissolved Oxygen	8.58	mg/L	CAWA-17-127922
Burning Ground Spring	—	09/09/16	WG	Dissolved Oxygen	8.16	mg/L	CAWA-16-125185
Burning Ground Spring	—	06/17/16	WG	Dissolved Oxygen	7.7	mg/L	CAWA-16-121751
Burning Ground Spring	—	02/10/18	WG	Flow (in gpm)	4.28	gpm	CAWA-18-10
Burning Ground Spring	—	09/01/17	WG	Flow (in gpm)	4.42	gpm	CAWA-17-142892
Burning Ground Spring	—	06/09/17	WG	Flow (in gpm)	8.08	gpm	CAWA-17-133280

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
Burning Ground Spring	—	12/09/16	WG	Flow (in gpm)	5.19	gpm	CAWA-17-127922
Burning Ground Spring	—	09/09/16	WG	Flow (in gpm)	6.74	gpm	CAWA-16-125185
Burning Ground Spring	—	06/17/16	WG	Flow (in gpm)	8.4	gpm	CAWA-16-121751
Burning Ground Spring	—	02/10/18	WG	pH	7.57	SU	CAWA-18-10
Burning Ground Spring	—	09/01/17	WG	pH	7.23	SU	CAWA-17-142892
Burning Ground Spring	—	06/09/17	WG	pH	7.62	SU	CAWA-17-133280
Burning Ground Spring	—	03/10/17	WG	pH	6.9	SU	CAWA-17-130161
Burning Ground Spring	—	12/09/16	WG	pH	7.37	SU	CAWA-17-127922
Burning Ground Spring	—	09/09/16	WG	pH	6.9	SU	CAWA-16-125185
Burning Ground Spring	—	06/17/16	WG	pH	7.04	SU	CAWA-16-121751
Burning Ground Spring	—	02/10/18	WG	Specific Conductance	203.6	µS/cm	CAWA-18-10
Burning Ground Spring	—	09/01/17	WG	Specific Conductance	193.8	µS/cm	CAWA-17-142892
Burning Ground Spring	—	06/09/17	WG	Specific Conductance	176	µS/cm	CAWA-17-133280
Burning Ground Spring	—	03/10/17	WG	Specific Conductance	258.3	µS/cm	CAWA-17-130161
Burning Ground Spring	—	12/09/16	WG	Specific Conductance	198.6	µS/cm	CAWA-17-127922
Burning Ground Spring	—	09/09/16	WG	Specific Conductance	213	µS/cm	CAWA-16-125185
Burning Ground Spring	—	06/17/16	WG	Specific Conductance	178	µS/cm	CAWA-16-121751
Burning Ground Spring	—	02/10/18	WG	Temperature	10.2	deg C	CAWA-18-10
Burning Ground Spring	—	09/01/17	WG	Temperature	13.1	deg C	CAWA-17-142892
Burning Ground Spring	—	06/09/17	WG	Temperature	12.9	deg C	CAWA-17-133280
Burning Ground Spring	—	03/10/17	WG	Temperature	12.3	deg C	CAWA-17-130161
Burning Ground Spring	—	12/09/16	WG	Temperature	9.6	deg C	CAWA-17-127922
Burning Ground Spring	—	09/09/16	WG	Temperature	12.1	deg C	CAWA-16-125185
Burning Ground Spring	—	06/17/16	WG	Temperature	15.86	deg C	CAWA-16-121751
Burning Ground Spring	—	02/10/18	WG	Turbidity	2.3	NTU	CAWA-18-10
Burning Ground Spring	—	09/01/17	WG	Turbidity	1.7	NTU	CAWA-17-142892
Burning Ground Spring	—	06/09/17	WG	Turbidity	4.6	NTU	CAWA-17-133280
Burning Ground Spring	—	03/10/17	WG	Turbidity	8.4	NTU	CAWA-17-130161

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
Burning Ground Spring	—	12/09/16	WG	Turbidity	1.4	NTU	CAWA-17-127922
Burning Ground Spring	—	09/09/16	WG	Turbidity	6.1	NTU	CAWA-16-125185
Burning Ground Spring	—	06/17/16	WG	Turbidity	5.6	NTU	CAWA-16-121751
Canon de Valle below MDA P	—	02/10/18	WS	Dissolved Oxygen	9.62	mg/L	CAWA-18-1
Canon de Valle below MDA P	—	03/10/17	WS	Dissolved Oxygen	9.68	mg/L	CAWA-17-130127
Canon de Valle below MDA P	—	12/09/16	WS	Dissolved Oxygen	10.45	mg/L	CAWA-17-127923
Canon de Valle below MDA P	—	09/09/16	WS	Dissolved Oxygen	7.45	mg/L	CAWA-16-125186
Canon de Valle below MDA P	—	06/21/16	WS	Dissolved Oxygen	6.53	mg/L	CAWA-16-121752
Canon de Valle below MDA P	—	02/10/18	WS	Flow (in gpm)	2.52	gpm	CAWA-18-1
Canon de Valle below MDA P	—	02/10/18	WS	pH	7.62	SU	CAWA-18-1
Canon de Valle below MDA P	—	03/10/17	WS	pH	8.12	SU	CAWA-17-130127
Canon de Valle below MDA P	—	12/09/16	WS	pH	7.35	SU	CAWA-17-127923
Canon de Valle below MDA P	—	09/09/16	WS	pH	7.71	SU	CAWA-16-125186
Canon de Valle below MDA P	—	06/21/16	WS	pH	5.99	SU	CAWA-16-121752
Canon de Valle below MDA P	—	02/10/18	WS	Specific Conductance	210.4	µS/cm	CAWA-18-1
Canon de Valle below MDA P	—	03/10/17	WS	Specific Conductance	262.5	µS/cm	CAWA-17-130127
Canon de Valle below MDA P	—	12/09/16	WS	Specific Conductance	198.8	µS/cm	CAWA-17-127923
Canon de Valle below MDA P	—	09/09/16	WS	Specific Conductance	250.4	µS/cm	CAWA-16-125186
Canon de Valle below MDA P	—	06/21/16	WS	Specific Conductance	254	µS/cm	CAWA-16-121752
Canon de Valle below MDA P	—	02/10/18	WS	Temperature	6.1	deg C	CAWA-18-1
Canon de Valle below MDA P	—	03/10/17	WS	Temperature	11.1	deg C	CAWA-17-130127
Canon de Valle below MDA P	—	12/09/16	WS	Temperature	2.6	deg C	CAWA-17-127923
Canon de Valle below MDA P	—	09/09/16	WS	Temperature	19.7	deg C	CAWA-16-125186
Canon de Valle below MDA P	—	06/21/16	WS	Temperature	18.02	deg C	CAWA-16-121752
Canon de Valle below MDA P	—	02/10/18	WS	Turbidity	1.1	NTU	CAWA-18-1
Canon de Valle below MDA P	—	03/10/17	WS	Turbidity	32.2	NTU	CAWA-17-130127
Canon de Valle below MDA P	—	12/09/16	WS	Turbidity	2.2	NTU	CAWA-17-127923
Canon de Valle below MDA P	—	09/09/16	WS	Turbidity	4.6	NTU	CAWA-16-125186

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
Canon de Valle below MDA P	—	06/21/16	WS	Turbidity	4.9	NTU	CAWA-16-121752
CDV-16-02656	3.0	02/10/18	WG	Dissolved Oxygen	6.66	mg/L	CAWA-18-15
CDV-16-02656	3.0	09/01/17	WG	Dissolved Oxygen	1.84	mg/L	CAWA-17-142894
CDV-16-02656	3.0	06/02/17	WG	Dissolved Oxygen	2.6	mg/L	CAWA-17-133281
CDV-16-02656	3.0	03/10/17	WG	Dissolved Oxygen	5.15	mg/L	CAWA-17-130163
CDV-16-02656	3.0	12/09/16	WG	Dissolved Oxygen	5.63	mg/L	CAWA-17-127924
CDV-16-02656	3.0	09/09/16	WG	Dissolved Oxygen	1.92	mg/L	CAWA-16-125187
CDV-16-02656	3.0	06/17/16	WG	Dissolved Oxygen	2.28	mg/L	CAWA-16-121753
CDV-16-02656	3.0	02/10/18	WG	Flow (in gpm)	0.079	gpm	CAWA-18-15
CDV-16-02656	3.0	09/01/17	WG	Flow (in gpm)	0.06	gpm	CAWA-17-142894
CDV-16-02656	3.0	06/02/17	WG	Flow (in gpm)	0.13	gpm	CAWA-17-133281
CDV-16-02656	3.0	03/10/17	WG	Flow (in gpm)	0.08	gpm	CAWA-17-130163
CDV-16-02656	3.0	12/09/16	WG	Flow (in gpm)	0.085	gpm	CAWA-17-127924
CDV-16-02656	3.0	09/09/16	WG	Flow (in gpm)	0.07	gpm	CAWA-16-125187
CDV-16-02656	3.0	06/17/16	WG	Flow (in gpm)	0.08	gpm	CAWA-16-121753
CDV-16-02656	3.0	02/10/18	WG	Oxidation-Reduction Potential	189.9	mV	CAWA-18-15
CDV-16-02656	3.0	09/01/17	WG	Oxidation-Reduction Potential	180.2	mV	CAWA-17-142894
CDV-16-02656	3.0	06/02/17	WG	Oxidation-Reduction Potential	107.4	mV	CAWA-17-133281
CDV-16-02656	3.0	03/10/17	WG	Oxidation-Reduction Potential	172.1	mV	CAWA-17-130163
CDV-16-02656	3.0	12/09/16	WG	Oxidation-Reduction Potential	229.6	mV	CAWA-17-127924
CDV-16-02656	3.0	09/09/16	WG	Oxidation-Reduction Potential	148.9	mV	CAWA-16-125187
CDV-16-02656	3.0	06/17/16	WG	Oxidation-Reduction Potential	197.3	mV	CAWA-16-121753
CDV-16-02656	3.0	02/10/18	WG	pH	6.63	SU	CAWA-18-15
CDV-16-02656	3.0	09/01/17	WG	pH	6.49	SU	CAWA-17-142894
CDV-16-02656	3.0	06/02/17	WG	pH	6.53	SU	CAWA-17-133281
CDV-16-02656	3.0	03/10/17	WG	pH	6.38	SU	CAWA-17-130163
CDV-16-02656	3.0	12/09/16	WG	pH	6.58	SU	CAWA-17-127924
CDV-16-02656	3.0	09/09/16	WG	pH	6.3	SU	CAWA-16-125187

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-16-02656	3.0	06/17/16	WG	pH	5.04	SU	CAWA-16-121753
CDV-16-02656	3.0	02/10/18	WG	Specific Conductance	169.2	µS/cm	CAWA-18-15
CDV-16-02656	3.0	09/01/17	WG	Specific Conductance	185.6	µS/cm	CAWA-17-142894
CDV-16-02656	3.0	06/02/17	WG	Specific Conductance	185.8	µS/cm	CAWA-17-133281
CDV-16-02656	3.0	03/10/17	WG	Specific Conductance	247.5	µS/cm	CAWA-17-130163
CDV-16-02656	3.0	12/09/16	WG	Specific Conductance	174.2	µS/cm	CAWA-17-127924
CDV-16-02656	3.0	09/09/16	WG	Specific Conductance	201.3	µS/cm	CAWA-16-125187
CDV-16-02656	3.0	06/17/16	WG	Specific Conductance	192	µS/cm	CAWA-16-121753
CDV-16-02656	3.0	02/10/18	WG	Temperature	5.4	deg C	CAWA-18-15
CDV-16-02656	3.0	09/01/17	WG	Temperature	14.5	deg C	CAWA-17-142894
CDV-16-02656	3.0	06/02/17	WG	Temperature	10.9	deg C	CAWA-17-133281
CDV-16-02656	3.0	03/10/17	WG	Temperature	4.9	deg C	CAWA-17-130163
CDV-16-02656	3.0	12/09/16	WG	Temperature	7.2	deg C	CAWA-17-127924
CDV-16-02656	3.0	09/09/16	WG	Temperature	14.4	deg C	CAWA-16-125187
CDV-16-02656	3.0	06/17/16	WG	Temperature	12.76	deg C	CAWA-16-121753
CDV-16-02656	3.0	02/10/18	WG	Turbidity	8.7	NTU	CAWA-18-15
CDV-16-02656	3.0	09/01/17	WG	Turbidity	5.8	NTU	CAWA-17-142894
CDV-16-02656	3.0	06/02/17	WG	Turbidity	6	NTU	CAWA-17-133281
CDV-16-02656	3.0	03/10/17	WG	Turbidity	4.3	NTU	CAWA-17-130163
CDV-16-02656	3.0	12/09/16	WG	Turbidity	8.6	NTU	CAWA-17-127924
CDV-16-02656	3.0	09/09/16	WG	Turbidity	15	NTU	CAWA-16-125187
CDV-16-02656	3.0	06/17/16	WG	Turbidity	8.7	NTU	CAWA-16-121753
CDV-16-02659	1.7	02/10/18	WG	Dissolved Oxygen	8.25	mg/L	CAWA-18-19
CDV-16-02659	1.7	09/14/17	WG	Dissolved Oxygen	6.12	mg/L	CAWA-17-142895
CDV-16-02659	1.7	06/15/17	WG	Dissolved Oxygen	5.65	mg/L	CAWA-17-133282
CDV-16-02659	1.7	03/13/17	WG	Dissolved Oxygen	4.23	mg/L	CAWA-17-130164
CDV-16-02659	1.7	12/16/16	WG	Dissolved Oxygen	7.23	mg/L	CAWA-17-127925
CDV-16-02659	1.7	09/22/16	WG	Dissolved Oxygen	5.32	mg/L	CAWA-16-125188

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-16-02659	1.7	06/23/16	WG	Dissolved Oxygen	5.67	mg/L	CAWA-16-121754
CDV-16-02659	1.7	02/10/18	WG	Flow (in gpm)	0.08	gpm	CAWA-18-19
CDV-16-02659	1.7	02/10/18	WG	Flow (in gpm)	0.08	gpm	CAWA-18-19
CDV-16-02659	1.7	09/14/17	WG	Flow (in gpm)	0.06	gpm	CAWA-17-142895
CDV-16-02659	1.7	06/15/17	WG	Flow (in gpm)	0.07	gpm	CAWA-17-133282
CDV-16-02659	1.7	03/13/17	WG	Flow (in gpm)	0.09	gpm	CAWA-17-130164
CDV-16-02659	1.7	12/16/16	WG	Flow (in gpm)	0.07	gpm	CAWA-17-127925
CDV-16-02659	1.7	06/23/16	WG	Flow (in gpm)	0.053	gpm	CAWA-16-121754
CDV-16-02659	1.7	03/14/16	WG	Flow (in gpm)	0.07	gpm	CAWA-16-110736
CDV-16-02659	1.7	02/10/18	WG	Oxidation-Reduction Potential	210.3	mV	CAWA-18-19
CDV-16-02659	1.7	09/14/17	WG	Oxidation-Reduction Potential	259.5	mV	CAWA-17-142895
CDV-16-02659	1.7	06/15/17	WG	Oxidation-Reduction Potential	220.1	mV	CAWA-17-133282
CDV-16-02659	1.7	03/13/17	WG	Oxidation-Reduction Potential	174.6	mV	CAWA-17-130164
CDV-16-02659	1.7	12/16/16	WG	Oxidation-Reduction Potential	229.2	mV	CAWA-17-127925
CDV-16-02659	1.7	09/22/16	WG	Oxidation-Reduction Potential	209.9	mV	CAWA-16-125188
CDV-16-02659	1.7	06/23/16	WG	Oxidation-Reduction Potential	210.7	mV	CAWA-16-121754
CDV-16-02659	1.7	02/10/18	WG	pH	6.68	SU	CAWA-18-19
CDV-16-02659	1.7	09/14/17	WG	pH	6.59	SU	CAWA-17-142895
CDV-16-02659	1.7	06/15/17	WG	pH	6.58	SU	CAWA-17-133282
CDV-16-02659	1.7	03/13/17	WG	pH	6.62	SU	CAWA-17-130164
CDV-16-02659	1.7	12/16/16	WG	pH	6.36	SU	CAWA-17-127925
CDV-16-02659	1.7	09/22/16	WG	pH	6.58	SU	CAWA-16-125188
CDV-16-02659	1.7	06/23/16	WG	pH	5.74	SU	CAWA-16-121754
CDV-16-02659	1.7	02/10/18	WG	Specific Conductance	229.1	µS/cm	CAWA-18-19
CDV-16-02659	1.7	09/14/17	WG	Specific Conductance	302	µS/cm	CAWA-17-142895
CDV-16-02659	1.7	06/15/17	WG	Specific Conductance	252.9	µS/cm	CAWA-17-133282
CDV-16-02659	1.7	03/13/17	WG	Specific Conductance	304.3	µS/cm	CAWA-17-130164
CDV-16-02659	1.7	12/16/16	WG	Specific Conductance	222.1	µS/cm	CAWA-17-127925

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-16-02659	1.7	09/22/16	WG	Specific Conductance	277.1	µS/cm	CAWA-16-125188
CDV-16-02659	1.7	06/23/16	WG	Specific Conductance	251	µS/cm	CAWA-16-121754
CDV-16-02659	1.7	02/10/18	WG	Temperature	6.4	deg C	CAWA-18-19
CDV-16-02659	1.7	09/14/17	WG	Temperature	13.2	deg C	CAWA-17-142895
CDV-16-02659	1.7	06/15/17	WG	Temperature	10.7	deg C	CAWA-17-133282
CDV-16-02659	1.7	03/13/17	WG	Temperature	4.6	deg C	CAWA-17-130164
CDV-16-02659	1.7	12/16/16	WG	Temperature	8.3	deg C	CAWA-17-127925
CDV-16-02659	1.7	09/22/16	WG	Temperature	13.2	deg C	CAWA-16-125188
CDV-16-02659	1.7	06/23/16	WG	Temperature	12.58	deg C	CAWA-16-121754
CDV-16-02659	1.7	02/10/18	WG	Turbidity	2.8	NTU	CAWA-18-19
CDV-16-02659	1.7	09/14/17	WG	Turbidity	1.6	NTU	CAWA-17-142895
CDV-16-02659	1.7	06/15/17	WG	Turbidity	0.8	NTU	CAWA-17-133282
CDV-16-02659	1.7	03/13/17	WG	Turbidity	7.7	NTU	CAWA-17-130164
CDV-16-02659	1.7	12/16/16	WG	Turbidity	4.7	NTU	CAWA-17-127925
CDV-16-02659	1.7	09/22/16	WG	Turbidity	0.7	NTU	CAWA-16-125188
CDV-16-02659	1.7	06/23/16	WG	Turbidity	1.1	NTU	CAWA-16-121754
CdV-16-1(i)	624.0	02/16/18	WG	Dissolved Oxygen	6.3	mg/L	CAWA-18-35
CdV-16-1(i)	624.0	12/08/17	WG	Dissolved Oxygen	6.22	mg/L	CAWA-18-148902
CdV-16-1(i)	624.0	09/15/17	WG	Dissolved Oxygen	6.15	mg/L	CAWA-17-142896
CdV-16-1(i)	624.0	06/12/17	WG	Dissolved Oxygen	6	mg/L	CAWA-17-133283
CdV-16-1(i)	624.0	03/20/17	WG	Dissolved Oxygen	6.47	mg/L	CAWA-17-130165
CdV-16-1(i)	624.0	12/05/16	WG	Dissolved Oxygen	6.54	mg/L	CAWA-17-127926
CdV-16-1(i)	624.0	03/24/16	WG	Dissolved Oxygen	8.5	mg/L	CAWA-16-110737
CdV-16-1(i)	624.0	11/13/15	WG	Dissolved Oxygen	5.49	mg/L	CAWA-16-106927
CdV-16-1(i)	624.0	02/16/18	WG	Flow (in gpm)	0.96	gpm	CAWA-18-35
CdV-16-1(i)	624.0	12/08/17	WG	Flow (in gpm)	1.06	gpm	CAWA-18-148902
CdV-16-1(i)	624.0	09/15/17	WG	Flow (in gpm)	0.92	gpm	CAWA-17-142896
CdV-16-1(i)	624.0	06/12/17	WG	Flow (in gpm)	0.92	gpm	CAWA-17-133283

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	624.0	03/20/17	WG	Flow (in gpm)	0.75	gpm	CAWA-17-130165
CdV-16-1(i)	624.0	12/05/16	WG	Flow (in gpm)	0.9	gpm	CAWA-17-127926
CdV-16-1(i)	624.0	03/24/16	WG	Flow (in gpm)	1.31	gpm	CAWA-16-110737
CdV-16-1(i)	624.0	11/13/15	WG	Flow (in gpm)	1.39	gpm	CAWA-16-106927
CdV-16-1(i)	624.0	02/16/18	WG	Oxidation-Reduction Potential	207.7	mV	CAWA-18-35
CdV-16-1(i)	624.0	12/08/17	WG	Oxidation-Reduction Potential	234.7	mV	CAWA-18-148902
CdV-16-1(i)	624.0	09/15/17	WG	Oxidation-Reduction Potential	302.5	mV	CAWA-17-142896
CdV-16-1(i)	624.0	06/12/17	WG	Oxidation-Reduction Potential	224.5	mV	CAWA-17-133283
CdV-16-1(i)	624.0	03/20/17	WG	Oxidation-Reduction Potential	195.6	mV	CAWA-17-130165
CdV-16-1(i)	624.0	12/05/16	WG	Oxidation-Reduction Potential	193.2	mV	CAWA-17-127926
CdV-16-1(i)	624.0	03/24/16	WG	Oxidation-Reduction Potential	255.2	mV	CAWA-16-110737
CdV-16-1(i)	624.0	11/13/15	WG	Oxidation-Reduction Potential	151.5	mV	CAWA-16-106927
CdV-16-1(i)	624.0	02/16/18	WG	pH	6.77	SU	CAWA-18-35
CdV-16-1(i)	624.0	12/08/17	WG	pH	6.82	SU	CAWA-18-148902
CdV-16-1(i)	624.0	09/15/17	WG	pH	6.8	SU	CAWA-17-142896
CdV-16-1(i)	624.0	06/12/17	WG	pH	6.52	SU	CAWA-17-133283
CdV-16-1(i)	624.0	03/20/17	WG	pH	7.33	SU	CAWA-17-130165
CdV-16-1(i)	624.0	12/05/16	WG	pH	6.69	SU	CAWA-17-127926
CdV-16-1(i)	624.0	03/24/16	WG	pH	6.86	SU	CAWA-16-110737
CdV-16-1(i)	624.0	11/13/15	WG	pH	6.69	SU	CAWA-16-106927
CdV-16-1(i)	624.0	02/16/18	WG	Specific Conductance	178.5	µS/cm	CAWA-18-35
CdV-16-1(i)	624.0	12/08/17	WG	Specific Conductance	178	µS/cm	CAWA-18-148902
CdV-16-1(i)	624.0	09/15/17	WG	Specific Conductance	179.8	µS/cm	CAWA-17-142896
CdV-16-1(i)	624.0	06/12/17	WG	Specific Conductance	181.8	µS/cm	CAWA-17-133283
CdV-16-1(i)	624.0	03/20/17	WG	Specific Conductance	174.4	µS/cm	CAWA-17-130165
CdV-16-1(i)	624.0	12/05/16	WG	Specific Conductance	175.9	µS/cm	CAWA-17-127926
CdV-16-1(i)	624.0	03/24/16	WG	Specific Conductance	213	µS/cm	CAWA-16-110737
CdV-16-1(i)	624.0	11/13/15	WG	Specific Conductance	169	µS/cm	CAWA-16-106927

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CdV-16-1(i)	624.0	02/16/18	WG	Temperature	8.8	deg C	CAWA-18-35
CdV-16-1(i)	624.0	12/08/17	WG	Temperature	10.2	deg C	CAWA-18-148902
CdV-16-1(i)	624.0	09/15/17	WG	Temperature	12.4	deg C	CAWA-17-142896
CdV-16-1(i)	624.0	06/12/17	WG	Temperature	13.3	deg C	CAWA-17-133283
CdV-16-1(i)	624.0	03/20/17	WG	Temperature	13.3	deg C	CAWA-17-130165
CdV-16-1(i)	624.0	12/05/16	WG	Temperature	10.2	deg C	CAWA-17-127926
CdV-16-1(i)	624.0	03/24/16	WG	Temperature	11.42	deg C	CAWA-16-110737
CdV-16-1(i)	624.0	11/13/15	WG	Temperature	11.49	deg C	CAWA-16-106927
CdV-16-1(i)	624.0	02/16/18	WG	Turbidity	1.27	NTU	CAWA-18-35
CdV-16-1(i)	624.0	12/08/17	WG	Turbidity	1.21	NTU	CAWA-18-148902
CdV-16-1(i)	624.0	09/15/17	WG	Turbidity	0.78	NTU	CAWA-17-142896
CdV-16-1(i)	624.0	06/12/17	WG	Turbidity	1.75	NTU	CAWA-17-133283
CdV-16-1(i)	624.0	03/20/17	WG	Turbidity	2.21	NTU	CAWA-17-130165
CdV-16-1(i)	624.0	12/05/16	WG	Turbidity	3.45	NTU	CAWA-17-127926
CdV-16-1(i)	624.0	03/24/16	WG	Turbidity	23.1	NTU	CAWA-16-110737
CdV-16-1(i)	624.0	11/13/15	WG	Turbidity	0.83	NTU	CAWA-16-106927
CdV-16-2(i)r	850.0	02/16/18	WG	Dissolved Oxygen	6.64	mg/L	CAWA-18-39
CdV-16-2(i)r	850.0	12/05/17	WG	Dissolved Oxygen	7.03	mg/L	CAWA-18-148903
CdV-16-2(i)r	850.0	08/29/17	WG	Dissolved Oxygen	5.97	mg/L	CAWA-17-142897
CdV-16-2(i)r	850.0	06/06/17	WG	Dissolved Oxygen	6.7	mg/L	CAWA-17-133284
CdV-16-2(i)r	850.0	03/06/17	WG	Dissolved Oxygen	6.88	mg/L	CAWA-17-130166
CdV-16-2(i)r	850.0	12/08/16	WG	Dissolved Oxygen	6.83	mg/L	CAWA-17-127927
CdV-16-2(i)r	850.0	03/30/16	WG	Dissolved Oxygen	6.88	mg/L	CAWA-16-110738
CdV-16-2(i)r	850.0	12/07/15	WG	Dissolved Oxygen	6.52	mg/L	CAWA-16-106928
CdV-16-2(i)r	850.0	02/16/18	WG	Flow (in gpm)	2.85	gpm	CAWA-18-39
CdV-16-2(i)r	850.0	12/05/17	WG	Flow (in gpm)	3	gpm	CAWA-18-148903
CdV-16-2(i)r	850.0	08/29/17	WG	Flow (in gpm)	2.38	gpm	CAWA-17-142897
CdV-16-2(i)r	850.0	06/06/17	WG	Flow (in gpm)	2.42	gpm	CAWA-17-133284

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CdV-16-2(i)r	850.0	03/06/17	WG	Flow (in gpm)	2.46	gpm	CAWA-17-130166
CdV-16-2(i)r	850.0	12/08/16	WG	Flow (in gpm)	2.45	gpm	CAWA-17-127927
CdV-16-2(i)r	850.0	03/30/16	WG	Flow (in gpm)	3	gpm	CAWA-16-110738
CdV-16-2(i)r	850.0	12/07/15	WG	Flow (in gpm)	2.85	gpm	CAWA-16-106928
CdV-16-2(i)r	850.0	02/16/18	WG	Oxidation-Reduction Potential	185	mV	CAWA-18-39
CdV-16-2(i)r	850.0	12/05/17	WG	Oxidation-Reduction Potential	225	mV	CAWA-18-148903
CdV-16-2(i)r	850.0	08/29/17	WG	Oxidation-Reduction Potential	310.7	mV	CAWA-17-142897
CdV-16-2(i)r	850.0	06/06/17	WG	Oxidation-Reduction Potential	228	mV	CAWA-17-133284
CdV-16-2(i)r	850.0	03/06/17	WG	Oxidation-Reduction Potential	173.4	mV	CAWA-17-130166
CdV-16-2(i)r	850.0	12/08/16	WG	Oxidation-Reduction Potential	170.4	mV	CAWA-17-127927
CdV-16-2(i)r	850.0	03/30/16	WG	Oxidation-Reduction Potential	122.6	mV	CAWA-16-110738
CdV-16-2(i)r	850.0	12/07/15	WG	Oxidation-Reduction Potential	179.6	mV	CAWA-16-106928
CdV-16-2(i)r	850.0	02/16/18	WG	pH	7.07	SU	CAWA-18-39
CdV-16-2(i)r	850.0	12/05/17	WG	pH	6.89	SU	CAWA-18-148903
CdV-16-2(i)r	850.0	08/29/17	WG	pH	6.82	SU	CAWA-17-142897
CdV-16-2(i)r	850.0	06/06/17	WG	pH	6.8	SU	CAWA-17-133284
CdV-16-2(i)r	850.0	03/06/17	WG	pH	6.87	SU	CAWA-17-130166
CdV-16-2(i)r	850.0	12/08/16	WG	pH	7.15	SU	CAWA-17-127927
CdV-16-2(i)r	850.0	03/30/16	WG	pH	7.12	SU	CAWA-16-110738
CdV-16-2(i)r	850.0	12/07/15	WG	pH	6.91	SU	CAWA-16-106928
CdV-16-2(i)r	850.0	02/16/18	WG	Specific Conductance	120.2	µS/cm	CAWA-18-39
CdV-16-2(i)r	850.0	12/05/17	WG	Specific Conductance	120.8	µS/cm	CAWA-18-148903
CdV-16-2(i)r	850.0	08/29/17	WG	Specific Conductance	125.2	µS/cm	CAWA-17-142897
CdV-16-2(i)r	850.0	06/06/17	WG	Specific Conductance	121.9	µS/cm	CAWA-17-133284
CdV-16-2(i)r	850.0	03/06/17	WG	Specific Conductance	121.7	µS/cm	CAWA-17-130166
CdV-16-2(i)r	850.0	12/08/16	WG	Specific Conductance	123.2	µS/cm	CAWA-17-127927
CdV-16-2(i)r	850.0	03/30/16	WG	Specific Conductance	128	µS/cm	CAWA-16-110738
CdV-16-2(i)r	850.0	12/07/15	WG	Specific Conductance	127	µS/cm	CAWA-16-106928

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CdV-16-2(i)r	850.0	02/16/18	WG	Temperature	12.2	deg C	CAWA-18-39
CdV-16-2(i)r	850.0	12/05/17	WG	Temperature	11.4	deg C	CAWA-18-148903
CdV-16-2(i)r	850.0	08/29/17	WG	Temperature	13.5	deg C	CAWA-17-142897
CdV-16-2(i)r	850.0	06/06/17	WG	Temperature	12.9	deg C	CAWA-17-133284
CdV-16-2(i)r	850.0	03/06/17	WG	Temperature	10.4	deg C	CAWA-17-130166
CdV-16-2(i)r	850.0	12/08/16	WG	Temperature	8.7	deg C	CAWA-17-127927
CdV-16-2(i)r	850.0	03/30/16	WG	Temperature	11.34	deg C	CAWA-16-110738
CdV-16-2(i)r	850.0	12/07/15	WG	Temperature	11.99	deg C	CAWA-16-106928
CdV-16-2(i)r	850.0	02/16/18	WG	Turbidity	3.41	NTU	CAWA-18-39
CdV-16-2(i)r	850.0	12/05/17	WG	Turbidity	4.4	NTU	CAWA-18-148903
CdV-16-2(i)r	850.0	08/29/17	WG	Turbidity	74.3	NTU	CAWA-17-142897
CdV-16-2(i)r	850.0	06/06/17	WG	Turbidity	1.57	NTU	CAWA-17-133284
CdV-16-2(i)r	850.0	03/06/17	WG	Turbidity	9.3	NTU	CAWA-17-130166
CdV-16-2(i)r	850.0	12/08/16	WG	Turbidity	2	NTU	CAWA-17-127927
CdV-16-2(i)r	850.0	03/30/16	WG	Turbidity	0.58	NTU	CAWA-16-110738
CdV-16-2(i)r	850.0	12/07/15	WG	Turbidity	0.4	NTU	CAWA-16-106928
CDV-16-4ip S1	815.6	02/16/18	WG	Dissolved Oxygen	7.18	mg/L	CAWA-18-43
CDV-16-4ip S1	815.6	12/05/17	WG	Dissolved Oxygen	7.29	mg/L	CAWA-18-148904
CDV-16-4ip S1	815.6	08/29/17	WG	Dissolved Oxygen	7.27	mg/L	CAWA-17-142898
CDV-16-4ip S1	815.6	06/06/17	WG	Dissolved Oxygen	7.16	mg/L	CAWA-17-133285
CDV-16-4ip S1	815.6	03/06/17	WG	Dissolved Oxygen	7.11	mg/L	CAWA-17-130167
CDV-16-4ip S1	815.6	12/05/16	WG	Dissolved Oxygen	7.1	mg/L	CAWA-17-127928
CDV-16-4ip S1	815.6	09/06/16	WG	Dissolved Oxygen	7.07	mg/L	CAWA-16-125191
CDV-16-4ip S1	815.6	05/26/16	WG	Dissolved Oxygen	7.13	mg/L	CAWA-16-121757
CDV-16-4ip S1	815.6	02/16/18	WG	Flow (in gpm)	8.82	gpm	CAWA-18-43
CDV-16-4ip S1	815.6	12/05/17	WG	Flow (in gpm)	9.37	gpm	CAWA-18-148904
CDV-16-4ip S1	815.6	08/29/17	WG	Flow (in gpm)	9.09	gpm	CAWA-17-142898
CDV-16-4ip S1	815.6	06/06/17	WG	Flow (in gpm)	9.38	gpm	CAWA-17-133285

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-16-4ip S1	815.6	03/06/17	WG	Flow (in gpm)	8.57	gpm	CAWA-17-130167
CDV-16-4ip S1	815.6	12/05/16	WG	Flow (in gpm)	6.82	gpm	CAWA-17-127928
CDV-16-4ip S1	815.6	09/06/16	WG	Flow (in gpm)	6	gpm	CAWA-16-125191
CDV-16-4ip S1	815.6	05/26/16	WG	Flow (in gpm)	1.8	gpm	CAWA-16-121757
CDV-16-4ip S1	815.6	02/16/18	WG	Oxidation-Reduction Potential	206.1	mV	CAWA-18-43
CDV-16-4ip S1	815.6	12/05/17	WG	Oxidation-Reduction Potential	203.3	mV	CAWA-18-148904
CDV-16-4ip S1	815.6	08/29/17	WG	Oxidation-Reduction Potential	280.2	mV	CAWA-17-142898
CDV-16-4ip S1	815.6	06/06/17	WG	Oxidation-Reduction Potential	184.5	mV	CAWA-17-133285
CDV-16-4ip S1	815.6	03/06/17	WG	Oxidation-Reduction Potential	220.4	mV	CAWA-17-130167
CDV-16-4ip S1	815.6	12/05/16	WG	Oxidation-Reduction Potential	162	mV	CAWA-17-127928
CDV-16-4ip S1	815.6	09/06/16	WG	Oxidation-Reduction Potential	98.3	mV	CAWA-16-125191
CDV-16-4ip S1	815.6	05/26/16	WG	Oxidation-Reduction Potential	128.8	mV	CAWA-16-121757
CDV-16-4ip S1	815.6	02/16/18	WG	pH	7.08	SU	CAWA-18-43
CDV-16-4ip S1	815.6	12/05/17	WG	pH	6.98	SU	CAWA-18-148904
CDV-16-4ip S1	815.6	08/29/17	WG	pH	6.96	SU	CAWA-17-142898
CDV-16-4ip S1	815.6	06/06/17	WG	pH	6.94	SU	CAWA-17-133285
CDV-16-4ip S1	815.6	03/06/17	WG	pH	6.51	SU	CAWA-17-130167
CDV-16-4ip S1	815.6	12/05/16	WG	pH	6.82	SU	CAWA-17-127928
CDV-16-4ip S1	815.6	09/06/16	WG	pH	6.96	SU	CAWA-16-125191
CDV-16-4ip S1	815.6	05/26/16	WG	pH	6.99	SU	CAWA-16-121757
CDV-16-4ip S1	815.6	02/16/18	WG	Specific Conductance	121.9	µS/cm	CAWA-18-43
CDV-16-4ip S1	815.6	12/05/17	WG	Specific Conductance	122.6	µS/cm	CAWA-18-148904
CDV-16-4ip S1	815.6	08/29/17	WG	Specific Conductance	123.2	µS/cm	CAWA-17-142898
CDV-16-4ip S1	815.6	06/06/17	WG	Specific Conductance	123.1	µS/cm	CAWA-17-133285
CDV-16-4ip S1	815.6	03/06/17	WG	Specific Conductance	122.5	µS/cm	CAWA-17-130167
CDV-16-4ip S1	815.6	12/05/16	WG	Specific Conductance	122.4	µS/cm	CAWA-17-127928
CDV-16-4ip S1	815.6	09/06/16	WG	Specific Conductance	123.4	µS/cm	CAWA-16-125191
CDV-16-4ip S1	815.6	05/26/16	WG	Specific Conductance	150	µS/cm	CAWA-16-121757

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-16-4ip S1	815.6	02/16/18	WG	Temperature	10.8	deg C	CAWA-18-43
CDV-16-4ip S1	815.6	12/05/17	WG	Temperature	11	deg C	CAWA-18-148904
CDV-16-4ip S1	815.6	08/29/17	WG	Temperature	12.4	deg C	CAWA-17-142898
CDV-16-4ip S1	815.6	06/06/17	WG	Temperature	12.1	deg C	CAWA-17-133285
CDV-16-4ip S1	815.6	03/06/17	WG	Temperature	11.2	deg C	CAWA-17-130167
CDV-16-4ip S1	815.6	12/05/16	WG	Temperature	11	deg C	CAWA-17-127928
CDV-16-4ip S1	815.6	09/06/16	WG	Temperature	13.1	deg C	CAWA-16-125191
CDV-16-4ip S1	815.6	05/26/16	WG	Temperature	15.12	deg C	CAWA-16-121757
CDV-16-4ip S1	815.6	02/16/18	WG	Turbidity	1.1	NTU	CAWA-18-43
CDV-16-4ip S1	815.6	12/05/17	WG	Turbidity	0.5	NTU	CAWA-18-148904
CDV-16-4ip S1	815.6	08/29/17	WG	Turbidity	8.3	NTU	CAWA-17-142898
CDV-16-4ip S1	815.6	06/06/17	WG	Turbidity	1.12	NTU	CAWA-17-133285
CDV-16-4ip S1	815.6	03/06/17	WG	Turbidity	3.2	NTU	CAWA-17-130167
CDV-16-4ip S1	815.6	12/05/16	WG	Turbidity	8.6	NTU	CAWA-17-127928
CDV-16-4ip S1	815.6	09/06/16	WG	Turbidity	7.4	NTU	CAWA-16-125191
CDV-16-4ip S1	815.6	05/26/16	WG	Turbidity	0.85	NTU	CAWA-16-121757
CDV-16-611923	3.2	02/16/18	WG	Dissolved Oxygen	2.88	mg/L	CAWA-18-21
CDV-16-611923	3.2	06/06/17	WG	Dissolved Oxygen	0.76	mg/L	CAWA-17-133286
CDV-16-611923	3.2	12/07/16	WG	Dissolved Oxygen	0.93	mg/L	CAWA-17-127929
CDV-16-611923	3.2	09/22/16	WG	Dissolved Oxygen	0.28	mg/L	CAWA-16-125192
CDV-16-611923	3.2	06/13/16	WG	Dissolved Oxygen	0.56	mg/L	CAWA-16-121758
CDV-16-611923	3.2	03/28/16	WG	Dissolved Oxygen	2.67	mg/L	CAWA-16-110740
CDV-16-611923	3.2	02/16/18	WG	Flow (in gpm)	0.08	gpm	CAWA-18-21
CDV-16-611923	3.2	06/06/17	WG	Flow (in gpm)	0.139	gpm	CAWA-17-133286
CDV-16-611923	3.2	12/07/16	WG	Flow (in gpm)	0.13	gpm	CAWA-17-127929
CDV-16-611923	3.2	09/22/16	WG	Flow (in gpm)	0.16	gpm	CAWA-16-125192
CDV-16-611923	3.2	06/13/16	WG	Flow (in gpm)	0.16	gpm	CAWA-16-121758
CDV-16-611923	3.2	03/28/16	WG	Flow (in gpm)	0.16	gpm	CAWA-16-110740

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-16-611923	3.2	02/16/18	WG	Oxidation-Reduction Potential	55.6	mV	CAWA-18-21
CDV-16-611923	3.2	06/06/17	WG	Oxidation-Reduction Potential	12.5	mV	CAWA-17-133286
CDV-16-611923	3.2	12/07/16	WG	Oxidation-Reduction Potential	-15.1	mV	CAWA-17-127929
CDV-16-611923	3.2	09/22/16	WG	Oxidation-Reduction Potential	-41.9	mV	CAWA-16-125192
CDV-16-611923	3.2	06/13/16	WG	Oxidation-Reduction Potential	58.1	mV	CAWA-16-121758
CDV-16-611923	3.2	03/28/16	WG	Oxidation-Reduction Potential	-20.4	mV	CAWA-16-110740
CDV-16-611923	3.2	02/16/18	WG	pH	6.57	SU	CAWA-18-21
CDV-16-611923	3.2	06/06/17	WG	pH	6.58	SU	CAWA-17-133286
CDV-16-611923	3.2	12/07/16	WG	pH	6.62	SU	CAWA-17-127929
CDV-16-611923	3.2	09/22/16	WG	pH	6.55	SU	CAWA-16-125192
CDV-16-611923	3.2	06/13/16	WG	pH	5.42	SU	CAWA-16-121758
CDV-16-611923	3.2	03/28/16	WG	pH	6.78	SU	CAWA-16-110740
CDV-16-611923	3.2	02/16/18	WG	Specific Conductance	203.7	µS/cm	CAWA-18-21
CDV-16-611923	3.2	06/06/17	WG	Specific Conductance	249.4	µS/cm	CAWA-17-133286
CDV-16-611923	3.2	12/07/16	WG	Specific Conductance	262.8	µS/cm	CAWA-17-127929
CDV-16-611923	3.2	09/22/16	WG	Specific Conductance	330.6	µS/cm	CAWA-16-125192
CDV-16-611923	3.2	06/13/16	WG	Specific Conductance	288	µS/cm	CAWA-16-121758
CDV-16-611923	3.2	03/28/16	WG	Specific Conductance	264	µS/cm	CAWA-16-110740
CDV-16-611923	3.2	02/16/18	WG	Temperature	5.1	deg C	CAWA-18-21
CDV-16-611923	3.2	06/06/17	WG	Temperature	9.6	deg C	CAWA-17-133286
CDV-16-611923	3.2	12/07/16	WG	Temperature	9.6	deg C	CAWA-17-127929
CDV-16-611923	3.2	09/22/16	WG	Temperature	14	deg C	CAWA-16-125192
CDV-16-611923	3.2	06/13/16	WG	Temperature	10.65	deg C	CAWA-16-121758
CDV-16-611923	3.2	03/28/16	WG	Temperature	6.47	deg C	CAWA-16-110740
CDV-16-611923	3.2	02/16/18	WG	Turbidity	9.5	NTU	CAWA-18-21
CDV-16-611923	3.2	06/06/17	WG	Turbidity	2.1	NTU	CAWA-17-133286
CDV-16-611923	3.2	12/07/16	WG	Turbidity	0.7	NTU	CAWA-17-127929
CDV-16-611923	3.2	09/22/16	WG	Turbidity	0.6	NTU	CAWA-16-125192

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-16-611923	3.2	06/13/16	WG	Turbidity	0.9	NTU	CAWA-16-121758
CDV-16-611923	3.2	03/28/16	WG	Turbidity	3.6	NTU	CAWA-16-110740
CDV-16-611937	3.0	09/12/17	WG	Dissolved Oxygen	0.76	mg/L	CAWA-17-142900
CDV-16-611937	3.0	06/06/17	WG	Dissolved Oxygen	2.51	mg/L	CAWA-17-133287
CDV-16-611937	3.0	03/17/17	WG	Dissolved Oxygen	3.14	mg/L	CAWA-17-130169
CDV-16-611937	3.0	12/07/16	WG	Dissolved Oxygen	2.14	mg/L	CAWA-17-127930
CDV-16-611937	3.0	02/15/11	WG	Dissolved Oxygen	1.09	mg/L	GW16-11-3229
CDV-16-611937	3.0	11/02/10	WG	Dissolved Oxygen	0.67	mg/L	GW16-11-206
CDV-16-611937	3.0	09/12/17	WG	Flow (in gpm)	0.06	gpm	CAWA-17-142900
CDV-16-611937	3.0	06/06/17	WG	Flow (in gpm)	0.073	gpm	CAWA-17-133287
CDV-16-611937	3.0	03/17/17	WG	Flow (in gpm)	0.053	gpm	CAWA-17-130169
CDV-16-611937	3.0	12/07/16	WG	Flow (in gpm)	0.07	gpm	CAWA-17-127930
CDV-16-611937	3.0	06/30/10	WG	Flow (in gpm)	0.25	gpm	GW16-10-22557
CDV-16-611937	3.0	09/12/17	WG	Oxidation-Reduction Potential	-8.4	mV	CAWA-17-142900
CDV-16-611937	3.0	06/06/17	WG	Oxidation-Reduction Potential	143.5	mV	CAWA-17-133287
CDV-16-611937	3.0	03/17/17	WG	Oxidation-Reduction Potential	193.3	mV	CAWA-17-130169
CDV-16-611937	3.0	12/07/16	WG	Oxidation-Reduction Potential	-27.1	mV	CAWA-17-127930
CDV-16-611937	3.0	02/15/11	WG	Oxidation-Reduction Potential	-106.9	mV	GW16-11-3229
CDV-16-611937	3.0	11/02/10	WG	Oxidation-Reduction Potential	-35.1	mV	GW16-11-206
CDV-16-611937	3.0	09/12/17	WG	pH	6.51	SU	CAWA-17-142900
CDV-16-611937	3.0	06/06/17	WG	pH	6.13	SU	CAWA-17-133287
CDV-16-611937	3.0	03/17/17	WG	pH	5.07	SU	CAWA-17-130169
CDV-16-611937	3.0	12/07/16	WG	pH	6.29	SU	CAWA-17-127930
CDV-16-611937	3.0	02/15/11	WG	pH	7.08	SU	GW16-11-3229
CDV-16-611937	3.0	11/02/10	WG	pH	6.59	SU	GW16-11-206
CDV-16-611937	3.0	09/12/17	WG	Specific Conductance	221.8	µS/cm	CAWA-17-142900
CDV-16-611937	3.0	06/06/17	WG	Specific Conductance	174.8	µS/cm	CAWA-17-133287
CDV-16-611937	3.0	03/17/17	WG	Specific Conductance	189.6	µS/cm	CAWA-17-130169

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-16-611937	3.0	12/07/16	WG	Specific Conductance	237.7	µS/cm	CAWA-17-127930
CDV-16-611937	3.0	02/15/11	WG	Specific Conductance	408	µS/cm	GW16-11-3229
CDV-16-611937	3.0	11/02/10	WG	Specific Conductance	366	µS/cm	GW16-11-206
CDV-16-611937	3.0	09/12/17	WG	Temperature	12.9	deg C	CAWA-17-142900
CDV-16-611937	3.0	06/06/17	WG	Temperature	9.4	deg C	CAWA-17-133287
CDV-16-611937	3.0	03/17/17	WG	Temperature	5.3	deg C	CAWA-17-130169
CDV-16-611937	3.0	12/07/16	WG	Temperature	8.8	deg C	CAWA-17-127930
CDV-16-611937	3.0	02/15/11	WG	Temperature	5.04	deg C	GW16-11-3229
CDV-16-611937	3.0	11/02/10	WG	Temperature	10.15	deg C	GW16-11-206
CDV-16-611937	3.0	09/12/17	WG	Turbidity	4.9	NTU	CAWA-17-142900
CDV-16-611937	3.0	06/06/17	WG	Turbidity	35.6	NTU	CAWA-17-133287
CDV-16-611937	3.0	03/17/17	WG	Turbidity	38.6	NTU	CAWA-17-130169
CDV-16-611937	3.0	12/07/16	WG	Turbidity	8.8	NTU	CAWA-17-127930
CDV-16-611937	3.0	02/15/11	WG	Turbidity	55.4	NTU	GW16-11-3229
CDV-16-611937	3.0	11/02/10	WG	Turbidity	3.9	NTU	GW16-11-206
CDV-37-1(i)	632.0	02/09/18	WG	Dissolved Oxygen	7.78	mg/L	CAWA-18-45
CDV-37-1(i)	632.0	09/08/17	WG	Dissolved Oxygen	7.77	mg/L	CAWA-17-142901
CDV-37-1(i)	632.0	03/17/17	WG	Dissolved Oxygen	7.71	mg/L	CAWA-17-130170
CDV-37-1(i)	632.0	03/18/16	WG	Dissolved Oxygen	8.07	mg/L	CAWA-16-110741
CDV-37-1(i)	632.0	02/06/15	WG	Dissolved Oxygen	7.88	mg/L	CAWA-15-91331
CDV-37-1(i)	632.0	03/07/14	WG	Dissolved Oxygen	7.63	mg/L	CAWA-14-54741
CDV-37-1(i)	632.0	02/09/18	WG	Flow (in gpm)	3.19	gpm	CAWA-18-45
CDV-37-1(i)	632.0	09/08/17	WG	Flow (in gpm)	2.5	gpm	CAWA-17-142901
CDV-37-1(i)	632.0	03/17/17	WG	Flow (in gpm)	2.48	gpm	CAWA-17-130170
CDV-37-1(i)	632.0	03/18/16	WG	Flow (in gpm)	2.5	gpm	CAWA-16-110741
CDV-37-1(i)	632.0	02/06/15	WG	Flow (in gpm)	2.86	gpm	CAWA-15-91331
CDV-37-1(i)	632.0	03/07/14	WG	Flow (in gpm)	2.85	gpm	CAWA-14-54741
CDV-37-1(i)	632.0	02/09/18	WG	Oxidation-Reduction Potential	104	mV	CAWA-18-45

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-37-1(i)	632.0	09/08/17	WG	Oxidation-Reduction Potential	141	mV	CAWA-17-142901
CDV-37-1(i)	632.0	03/17/17	WG	Oxidation-Reduction Potential	76.9	mV	CAWA-17-130170
CDV-37-1(i)	632.0	03/18/16	WG	Oxidation-Reduction Potential	119.1	mV	CAWA-16-110741
CDV-37-1(i)	632.0	02/06/15	WG	Oxidation-Reduction Potential	331.2	mV	CAWA-15-91331
CDV-37-1(i)	632.0	03/07/14	WG	Oxidation-Reduction Potential	-1.4	mV	CAWA-14-54741
CDV-37-1(i)	632.0	02/09/18	WG	pH	7.14	SU	CAWA-18-45
CDV-37-1(i)	632.0	09/08/17	WG	pH	6.72	SU	CAWA-17-142901
CDV-37-1(i)	632.0	03/17/17	WG	pH	6.99	SU	CAWA-17-130170
CDV-37-1(i)	632.0	03/18/16	WG	pH	7.06	SU	CAWA-16-110741
CDV-37-1(i)	632.0	02/06/15	WG	pH	6.48	SU	CAWA-15-91331
CDV-37-1(i)	632.0	03/07/14	WG	pH	7.14	SU	CAWA-14-54741
CDV-37-1(i)	632.0	02/09/18	WG	Specific Conductance	105.6	µS/cm	CAWA-18-45
CDV-37-1(i)	632.0	09/08/17	WG	Specific Conductance	107.8	µS/cm	CAWA-17-142901
CDV-37-1(i)	632.0	03/17/17	WG	Specific Conductance	108.3	µS/cm	CAWA-17-130170
CDV-37-1(i)	632.0	03/18/16	WG	Specific Conductance	88.2	µS/cm	CAWA-16-110741
CDV-37-1(i)	632.0	02/06/15	WG	Specific Conductance	113	µS/cm	CAWA-15-91331
CDV-37-1(i)	632.0	03/07/14	WG	Specific Conductance	116	µS/cm	CAWA-14-54741
CDV-37-1(i)	632.0	02/09/18	WG	Temperature	14	deg C	CAWA-18-45
CDV-37-1(i)	632.0	09/08/17	WG	Temperature	13.7	deg C	CAWA-17-142901
CDV-37-1(i)	632.0	03/17/17	WG	Temperature	13.7	deg C	CAWA-17-130170
CDV-37-1(i)	632.0	03/18/16	WG	Temperature	13.53	deg C	CAWA-16-110741
CDV-37-1(i)	632.0	02/06/15	WG	Temperature	13.5	deg C	CAWA-15-91331
CDV-37-1(i)	632.0	03/07/14	WG	Temperature	13.61	deg C	CAWA-14-54741
CDV-37-1(i)	632.0	02/09/18	WG	Turbidity	3.13	NTU	CAWA-18-45
CDV-37-1(i)	632.0	09/08/17	WG	Turbidity	1.35	NTU	CAWA-17-142901
CDV-37-1(i)	632.0	03/17/17	WG	Turbidity	2.43	NTU	CAWA-17-130170
CDV-37-1(i)	632.0	03/18/16	WG	Turbidity	2.92	NTU	CAWA-16-110741
CDV-37-1(i)	632.0	02/06/15	WG	Turbidity	2	NTU	CAWA-15-91331

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-37-1(i)	632.0	03/07/14	WG	Turbidity	1.7	NTU	CAWA-14-54741
CDV-9-1(i) S1	937.4	02/06/18	WG	Dissolved Oxygen	5.57	mg/L	CAWA-18-33
CDV-9-1(i) S1	937.4	12/19/17	WG	Dissolved Oxygen	5.84	mg/L	CAWA-18-148905
CDV-9-1(i) S1	937.4	08/30/17	WG	Dissolved Oxygen	5.66	mg/L	CAWA-17-142902
CDV-9-1(i) S1	937.4	05/31/17	WG	Dissolved Oxygen	5.5	mg/L	CAWA-17-133288
CDV-9-1(i) S1	937.4	03/08/17	WG	Dissolved Oxygen	6.26	mg/L	CAWA-17-130171
CDV-9-1(i) S1	937.4	12/07/16	WG	Dissolved Oxygen	5.98	mg/L	CAWA-17-127931
CDV-9-1(i) S1	937.4	03/17/16	WG	Dissolved Oxygen	5.44	mg/L	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Dissolved Oxygen	5.72	mg/L	CAWA-15-101766
CDV-9-1(i) S1	937.4	02/06/18	WG	Flow (in gpm)	2.75	gpm	CAWA-18-33
CDV-9-1(i) S1	937.4	12/19/17	WG	Flow (in gpm)	2.75	gpm	CAWA-18-148905
CDV-9-1(i) S1	937.4	08/30/17	WG	Flow (in gpm)	2.88	gpm	CAWA-17-142902
CDV-9-1(i) S1	937.4	05/31/17	WG	Flow (in gpm)	2.94	gpm	CAWA-17-133288
CDV-9-1(i) S1	937.4	03/08/17	WG	Flow (in gpm)	2.77	gpm	CAWA-17-130171
CDV-9-1(i) S1	937.4	12/07/16	WG	Flow (in gpm)	2.72	gpm	CAWA-17-127931
CDV-9-1(i) S1	937.4	03/17/16	WG	Flow (in gpm)	2.83	gpm	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Flow (in gpm)	2.17	gpm	CAWA-15-101766
CDV-9-1(i) S1	937.4	02/06/18	WG	Oxidation-Reduction Potential	145.7	mV	CAWA-18-33
CDV-9-1(i) S1	937.4	12/19/17	WG	Oxidation-Reduction Potential	183.3	mV	CAWA-18-148905
CDV-9-1(i) S1	937.4	08/30/17	WG	Oxidation-Reduction Potential	248	mV	CAWA-17-142902
CDV-9-1(i) S1	937.4	05/31/17	WG	Oxidation-Reduction Potential	154.8	mV	CAWA-17-133288
CDV-9-1(i) S1	937.4	03/08/17	WG	Oxidation-Reduction Potential	144.9	mV	CAWA-17-130171
CDV-9-1(i) S1	937.4	12/07/16	WG	Oxidation-Reduction Potential	72	mV	CAWA-17-127931
CDV-9-1(i) S1	937.4	03/17/16	WG	Oxidation-Reduction Potential	277.2	mV	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Oxidation-Reduction Potential	84.9	mV	CAWA-15-101766
CDV-9-1(i) S1	937.4	02/06/18	WG	pH	6.98	SU	CAWA-18-33
CDV-9-1(i) S1	937.4	12/19/17	WG	pH	6.93	SU	CAWA-18-148905
CDV-9-1(i) S1	937.4	08/30/17	WG	pH	6.91	SU	CAWA-17-142902

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-9-1(i) S1	937.4	05/31/17	WG	pH	6.89	SU	CAWA-17-133288
CDV-9-1(i) S1	937.4	03/08/17	WG	pH	6.54	SU	CAWA-17-130171
CDV-9-1(i) S1	937.4	12/07/16	WG	pH	6.9	SU	CAWA-17-127931
CDV-9-1(i) S1	937.4	03/17/16	WG	pH	6.76	SU	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	pH	7.05	SU	CAWA-15-101766
CDV-9-1(i) S1	937.4	02/06/18	WG	Specific Conductance	184.4	µS/cm	CAWA-18-33
CDV-9-1(i) S1	937.4	12/19/17	WG	Specific Conductance	184.4	µS/cm	CAWA-18-148905
CDV-9-1(i) S1	937.4	08/30/17	WG	Specific Conductance	185.5	µS/cm	CAWA-17-142902
CDV-9-1(i) S1	937.4	05/31/17	WG	Specific Conductance	189.8	µS/cm	CAWA-17-133288
CDV-9-1(i) S1	937.4	03/08/17	WG	Specific Conductance	203.7	µS/cm	CAWA-17-130171
CDV-9-1(i) S1	937.4	12/07/16	WG	Specific Conductance	185.3	µS/cm	CAWA-17-127931
CDV-9-1(i) S1	937.4	03/17/16	WG	Specific Conductance	205	µS/cm	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Specific Conductance	187	µS/cm	CAWA-15-101766
CDV-9-1(i) S1	937.4	02/06/18	WG	Temperature	12.9	deg C	CAWA-18-33
CDV-9-1(i) S1	937.4	12/19/17	WG	Temperature	12.9	deg C	CAWA-18-148905
CDV-9-1(i) S1	937.4	08/30/17	WG	Temperature	14.2	deg C	CAWA-17-142902
CDV-9-1(i) S1	937.4	05/31/17	WG	Temperature	16.2	deg C	CAWA-17-133288
CDV-9-1(i) S1	937.4	03/08/17	WG	Temperature	13.2	deg C	CAWA-17-130171
CDV-9-1(i) S1	937.4	12/07/16	WG	Temperature	12.4	deg C	CAWA-17-127931
CDV-9-1(i) S1	937.4	03/17/16	WG	Temperature	13.24	deg C	CAWA-16-110742
CDV-9-1(i) S1	937.4	07/15/15	WG	Temperature	13.45	deg C	CAWA-15-101766
CDV-9-1(i) S1	937.4	02/06/18	WG	Turbidity	1.45	NTU	CAWA-18-33
CDV-9-1(i) S1	937.4	12/19/17	WG	Turbidity	1.52	NTU	CAWA-18-148905
CDV-9-1(i) S1	937.4	08/30/17	WG	Turbidity	0.77	NTU	CAWA-17-142902
CDV-9-1(i) S1	937.4	05/31/17	WG	Turbidity	1.53	NTU	CAWA-17-133288
CDV-9-1(i) S1	937.4	03/08/17	WG	Turbidity	0.91	NTU	CAWA-17-130171
CDV-9-1(i) S1	937.4	12/07/16	WG	Turbidity	9	NTU	CAWA-17-127931
CDV-9-1(i) S1	937.4	03/17/16	WG	Turbidity	1.6	NTU	CAWA-16-110742

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CDV-9-1(i) S1	937.4	07/15/15	WG	Turbidity	3.9	NTU	CAWA-15-101766
CdV-R-15-3 S4	1235.1	02/22/18	WG	Dissolved Oxygen	6.9	mg/L	CAWA-18-66
CdV-R-15-3 S4	1235.1	09/14/17	WG	Dissolved Oxygen	6.83	mg/L	CAWA-17-142903
CdV-R-15-3 S4	1235.1	03/21/17	WG	Dissolved Oxygen	6.83	mg/L	CAWA-17-130172
CdV-R-15-3 S4	1235.1	09/19/16	WG	Dissolved Oxygen	6.74	mg/L	CAWA-16-125195
CdV-R-15-3 S4	1235.1	03/17/16	WG	Dissolved Oxygen	6.93	mg/L	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Dissolved Oxygen	6.61	mg/L	CAWA-15-100838
CdV-R-15-3 S4	1235.1	02/22/18	WG	Flow (in gpm)	6.25	gpm	CAWA-18-66
CdV-R-15-3 S4	1235.1	09/14/17	WG	Flow (in gpm)	6.25	gpm	CAWA-17-142903
CdV-R-15-3 S4	1235.1	03/21/17	WG	Flow (in gpm)	6.02	gpm	CAWA-17-130172
CdV-R-15-3 S4	1235.1	09/19/16	WG	Flow (in gpm)	6.38	gpm	CAWA-16-125195
CdV-R-15-3 S4	1235.1	03/17/16	WG	Flow (in gpm)	6.25	gpm	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Flow (in gpm)	6.67	gpm	CAWA-15-100838
CdV-R-15-3 S4	1235.1	02/22/18	WG	Oxidation-Reduction Potential	141.6	mV	CAWA-18-66
CdV-R-15-3 S4	1235.1	09/14/17	WG	Oxidation-Reduction Potential	152.7	mV	CAWA-17-142903
CdV-R-15-3 S4	1235.1	03/21/17	WG	Oxidation-Reduction Potential	161.1	mV	CAWA-17-130172
CdV-R-15-3 S4	1235.1	09/19/16	WG	Oxidation-Reduction Potential	193.9	mV	CAWA-16-125195
CdV-R-15-3 S4	1235.1	03/17/16	WG	Oxidation-Reduction Potential	253	mV	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Oxidation-Reduction Potential	123	mV	CAWA-15-100838
CdV-R-15-3 S4	1235.1	02/22/18	WG	pH	8.01	SU	CAWA-18-66
CdV-R-15-3 S4	1235.1	09/14/17	WG	pH	7.57	SU	CAWA-17-142903
CdV-R-15-3 S4	1235.1	03/21/17	WG	pH	7.49	SU	CAWA-17-130172
CdV-R-15-3 S4	1235.1	09/19/16	WG	pH	7.77	SU	CAWA-16-125195
CdV-R-15-3 S4	1235.1	03/17/16	WG	pH	8.04	SU	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	pH	8.15	SU	CAWA-15-100838
CdV-R-15-3 S4	1235.1	02/22/18	WG	Specific Conductance	122.6	µS/cm	CAWA-18-66
CdV-R-15-3 S4	1235.1	09/14/17	WG	Specific Conductance	122.9	µS/cm	CAWA-17-142903
CdV-R-15-3 S4	1235.1	03/21/17	WG	Specific Conductance	124.1	µS/cm	CAWA-17-130172

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
CdV-R-15-3 S4	1235.1	09/19/16	WG	Specific Conductance	124	µS/cm	CAWA-16-125195
CdV-R-15-3 S4	1235.1	03/17/16	WG	Specific Conductance	105.7	µS/cm	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Specific Conductance	132	µS/cm	CAWA-15-100838
CdV-R-15-3 S4	1235.1	02/22/18	WG	Temperature	15.9	deg C	CAWA-18-66
CdV-R-15-3 S4	1235.1	09/14/17	WG	Temperature	16.4	deg C	CAWA-17-142903
CdV-R-15-3 S4	1235.1	03/21/17	WG	Temperature	16.2	deg C	CAWA-17-130172
CdV-R-15-3 S4	1235.1	09/19/16	WG	Temperature	17.3	deg C	CAWA-16-125195
CdV-R-15-3 S4	1235.1	03/17/16	WG	Temperature	16.35	deg C	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Temperature	16.8	deg C	CAWA-15-100838
CdV-R-15-3 S4	1235.1	02/22/18	WG	Turbidity	1.51	NTU	CAWA-18-66
CdV-R-15-3 S4	1235.1	09/14/17	WG	Turbidity	2	NTU	CAWA-17-142903
CdV-R-15-3 S4	1235.1	03/21/17	WG	Turbidity	3.26	NTU	CAWA-17-130172
CdV-R-15-3 S4	1235.1	09/19/16	WG	Turbidity	2.5	NTU	CAWA-16-125195
CdV-R-15-3 S4	1235.1	03/17/16	WG	Turbidity	2.02	NTU	CAWA-16-110743
CdV-R-15-3 S4	1235.1	07/17/15	WG	Turbidity	2.52	NTU	CAWA-15-100838
Martin Spring	—	02/23/18	WG	Dissolved Oxygen	7.91	mg/L	CAWA-18-11
Martin Spring	—	08/29/17	WG	Dissolved Oxygen	7.34	mg/L	CAWA-17-142905
Martin Spring	—	06/01/17	WG	Dissolved Oxygen	7.47	mg/L	CAWA-17-133290
Martin Spring	—	03/09/17	WG	Dissolved Oxygen	7.14	mg/L	CAWA-17-130175
Martin Spring	—	12/15/16	WG	Dissolved Oxygen	7.72	mg/L	CAWA-17-127933
Martin Spring	—	09/15/16	WG	Dissolved Oxygen	7.47	mg/L	CAWA-16-125198
Martin Spring	—	06/22/16	WG	Dissolved Oxygen	7.63	mg/L	CAWA-16-121761
Martin Spring	—	02/23/18	WG	Flow (in gpm)	0.82	gpm	CAWA-18-11
Martin Spring	—	08/29/17	WG	Flow (in gpm)	0.71	gpm	CAWA-17-142905
Martin Spring	—	06/01/17	WG	Flow (in gpm)	0.83	gpm	CAWA-17-133290
Martin Spring	—	03/09/17	WG	Flow (in gpm)	1.45	gpm	CAWA-17-130175
Martin Spring	—	12/15/16	WG	Flow (in gpm)	0.79	gpm	CAWA-17-127933
Martin Spring	—	09/15/16	WG	Flow (in gpm)	0.95	gpm	CAWA-16-125198

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
Martin Spring	—	06/22/16	WG	Flow (in gpm)	0.79	gpm	CAWA-16-121761
Martin Spring	—	02/23/18	WG	pH	6.85	SU	CAWA-18-11
Martin Spring	—	08/29/17	WG	pH	7.4	SU	CAWA-17-142905
Martin Spring	—	06/01/17	WG	pH	7.47	SU	CAWA-17-133290
Martin Spring	—	03/09/17	WG	pH	7.49	SU	CAWA-17-130175
Martin Spring	—	12/15/16	WG	pH	6.95	SU	CAWA-17-127933
Martin Spring	—	09/15/16	WG	pH	6.91	SU	CAWA-16-125198
Martin Spring	—	06/22/16	WG	pH	7.08	SU	CAWA-16-121761
Martin Spring	—	02/23/18	WG	Specific Conductance	350.8	µS/cm	CAWA-18-11
Martin Spring	—	08/29/17	WG	Specific Conductance	329.9	µS/cm	CAWA-17-142905
Martin Spring	—	06/01/17	WG	Specific Conductance	332.7	µS/cm	CAWA-17-133290
Martin Spring	—	03/09/17	WG	Specific Conductance	321.7	µS/cm	CAWA-17-130175
Martin Spring	—	12/15/16	WG	Specific Conductance	335.8	µS/cm	CAWA-17-127933
Martin Spring	—	09/15/16	WG	Specific Conductance	316	µS/cm	CAWA-16-125198
Martin Spring	—	06/22/16	WG	Specific Conductance	350	µS/cm	CAWA-16-121761
Martin Spring	—	02/23/18	WG	Temperature	7.8	deg C	CAWA-18-11
Martin Spring	—	08/29/17	WG	Temperature	18.7	deg C	CAWA-17-142905
Martin Spring	—	06/01/17	WG	Temperature	14.1	deg C	CAWA-17-133290
Martin Spring	—	03/09/17	WG	Temperature	10.5	deg C	CAWA-17-130175
Martin Spring	—	12/15/16	WG	Temperature	10.3	deg C	CAWA-17-127933
Martin Spring	—	09/15/16	WG	Temperature	12.7	deg C	CAWA-16-125198
Martin Spring	—	06/22/16	WG	Temperature	12.61	deg C	CAWA-16-121761
Martin Spring	—	02/23/18	WG	Turbidity	3.1	NTU	CAWA-18-11
Martin Spring	—	08/29/17	WG	Turbidity	6.4	NTU	CAWA-17-142905
Martin Spring	—	06/01/17	WG	Turbidity	3	NTU	CAWA-17-133290
Martin Spring	—	03/09/17	WG	Turbidity	4.6	NTU	CAWA-17-130175
Martin Spring	—	12/15/16	WG	Turbidity	4.6	NTU	CAWA-17-127933
Martin Spring	—	09/15/16	WG	Turbidity	21.6	NTU	CAWA-16-125198

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
Martin Spring	—	06/22/16	WG	Turbidity	6.8	NTU	CAWA-16-121761
MSC-16-06294	2.5	02/10/18	WG	Dissolved Oxygen	3.47	mg/L	CAWA-18-25
MSC-16-06294	2.5	03/09/17	WG	Dissolved Oxygen	1.54	mg/L	CAWA-17-130177
MSC-16-06294	2.5	09/21/16	WG	Dissolved Oxygen	1.54	mg/L	CAWA-16-125200
MSC-16-06294	2.5	06/10/16	WG	Dissolved Oxygen	1.91	mg/L	CAWA-16-121763
MSC-16-06294	2.5	03/16/16	WG	Dissolved Oxygen	1.17	mg/L	CAWA-16-110748
MSC-16-06294	2.5	02/10/18	WG	Flow (in gpm)	0.06	gpm	CAWA-18-25
MSC-16-06294	2.5	02/10/18	WG	Oxidation-Reduction Potential	138.4	mV	CAWA-18-25
MSC-16-06294	2.5	03/09/17	WG	Oxidation-Reduction Potential	136.4	mV	CAWA-17-130177
MSC-16-06294	2.5	09/21/16	WG	Oxidation-Reduction Potential	135.6	mV	CAWA-16-125200
MSC-16-06294	2.5	06/10/16	WG	Oxidation-Reduction Potential	17.9	mV	CAWA-16-121763
MSC-16-06294	2.5	03/16/16	WG	Oxidation-Reduction Potential	229.6	mV	CAWA-16-110748
MSC-16-06294	2.5	02/10/18	WG	pH	6.14	SU	CAWA-18-25
MSC-16-06294	2.5	03/09/17	WG	pH	6	SU	CAWA-17-130177
MSC-16-06294	2.5	09/21/16	WG	pH	6.12	SU	CAWA-16-125200
MSC-16-06294	2.5	06/10/16	WG	pH	6.11	SU	CAWA-16-121763
MSC-16-06294	2.5	03/16/16	WG	pH	6.39	SU	CAWA-16-110748
MSC-16-06294	2.5	02/10/18	WG	Specific Conductance	177.4	µS/cm	CAWA-18-25
MSC-16-06294	2.5	03/09/17	WG	Specific Conductance	171.9	µS/cm	CAWA-17-130177
MSC-16-06294	2.5	09/21/16	WG	Specific Conductance	180.6	µS/cm	CAWA-16-125200
MSC-16-06294	2.5	06/10/16	WG	Specific Conductance	245	µS/cm	CAWA-16-121763
MSC-16-06294	2.5	03/16/16	WG	Specific Conductance	127.8	µS/cm	CAWA-16-110748
MSC-16-06294	2.5	02/10/18	WG	Temperature	5.4	deg C	CAWA-18-25
MSC-16-06294	2.5	03/09/17	WG	Temperature	5.4	deg C	CAWA-17-130177
MSC-16-06294	2.5	09/21/16	WG	Temperature	14.9	deg C	CAWA-16-125200
MSC-16-06294	2.5	06/10/16	WG	Temperature	10.86	deg C	CAWA-16-121763
MSC-16-06294	2.5	03/16/16	WG	Temperature	7.17	deg C	CAWA-16-110748
MSC-16-06294	2.5	02/10/18	WG	Turbidity	37.8	NTU	CAWA-18-25

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
MSC-16-06294	2.5	03/09/17	WG	Turbidity	78.5	NTU	CAWA-17-130177
MSC-16-06294	2.5	09/21/16	WG	Turbidity	454.3	NTU	CAWA-16-125200
MSC-16-06294	2.5	06/10/16	WG	Turbidity	46.8	NTU	CAWA-16-121763
MSC-16-06294	2.5	03/16/16	WG	Turbidity	42.88	NTU	CAWA-16-110748
Paj bel S-N Anch E Basin conf	—	02/13/18	WS	Dissolved Oxygen	10.71	mg/L	CAPA-18-13
Paj bel S-N Anch E Basin conf	—	04/08/14	WS	Dissolved Oxygen	9.04	mg/L	CAPA-14-56385
Paj bel S-N Anch E Basin conf	—	04/12/13	WS	Dissolved Oxygen	9	mg/L	CAPA-13-29664
Paj bel S-N Anch E Basin conf	—	05/05/11	WS	Dissolved Oxygen	8.51	mg/L	CAPA-11-9524
Paj bel S-N Anch E Basin conf	—	10/08/10	WS	Dissolved Oxygen	8.3	mg/L	CAPA-10-26874
Paj bel S-N Anch E Basin conf	—	02/13/18	WS	Flow (in gpm)	22.89	gpm	CAPA-18-13
Paj bel S-N Anch E Basin conf	—	02/13/18	WS	pH	7.86	SU	CAPA-18-13
Paj bel S-N Anch E Basin conf	—	04/08/14	WS	pH	7.45	SU	CAPA-14-56385
Paj bel S-N Anch E Basin conf	—	04/12/13	WS	pH	7.76	SU	CAPA-13-29664
Paj bel S-N Anch E Basin conf	—	05/05/11	WS	pH	7.99	SU	CAPA-11-9524
Paj bel S-N Anch E Basin conf	—	10/08/10	WS	pH	8.1	SU	CAPA-10-26874
Paj bel S-N Anch E Basin conf	—	02/13/18	WS	Specific Conductance	142.5	µS/cm	CAPA-18-13
Paj bel S-N Anch E Basin conf	—	04/08/14	WS	Specific Conductance	250	µS/cm	CAPA-14-56385
Paj bel S-N Anch E Basin conf	—	04/12/13	WS	Specific Conductance	249	µS/cm	CAPA-13-29664
Paj bel S-N Anch E Basin conf	—	05/05/11	WS	Specific Conductance	274	µS/cm	CAPA-11-9524
Paj bel S-N Anch E Basin conf	—	10/08/10	WS	Specific Conductance	236	µS/cm	CAPA-10-26874
Paj bel S-N Anch E Basin conf	—	02/13/18	WS	Temperature	5.4	deg C	CAPA-18-13
Paj bel S-N Anch E Basin conf	—	04/08/14	WS	Temperature	3.91	deg C	CAPA-14-56385
Paj bel S-N Anch E Basin conf	—	04/12/13	WS	Temperature	5.59	deg C	CAPA-13-29664
Paj bel S-N Anch E Basin conf	—	05/05/11	WS	Temperature	12.8	deg C	CAPA-11-9524
Paj bel S-N Anch E Basin conf	—	10/08/10	WS	Temperature	11	deg C	CAPA-10-26874
Paj bel S-N Anch E Basin conf	—	02/13/18	WS	Turbidity	7.7	NTU	CAPA-18-13
Paj bel S-N Anch E Basin conf	—	04/08/14	WS	Turbidity	5.3	NTU	CAPA-14-56385
Paj bel S-N Anch E Basin conf	—	04/12/13	WS	Turbidity	6.1	NTU	CAPA-13-29664

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
Paj bel S-N Anch E Basin conf	—	05/05/11	WS	Turbidity	5.65	NTU	CAPA-11-9524
Paj bel S-N Anch E Basin conf	—	10/08/10	WS	Turbidity	11	NTU	CAPA-10-26874
R-18	1358.0	02/13/18	WG	Dissolved Oxygen	5.41	mg/L	CAPA-18-3
R-18	1358.0	12/15/17	WG	Dissolved Oxygen	5.49	mg/L	CAPA-18-148934
R-18	1358.0	08/31/17	WG	Dissolved Oxygen	5.36	mg/L	CAPA-17-142934
R-18	1358.0	03/15/17	WG	Dissolved Oxygen	5.69	mg/L	CAPA-17-130197
R-18	1358.0	12/05/16	WG	Dissolved Oxygen	5.48	mg/L	CAPA-17-127806
R-18	1358.0	09/14/16	WG	Dissolved Oxygen	5.4	mg/L	CAPA-16-125246
R-18	1358.0	06/08/16	WG	Dissolved Oxygen	5.93	mg/L	CAPA-16-121787
R-18	1358.0	02/13/18	WG	Flow (in gpm)	6.52	gpm	CAPA-18-3
R-18	1358.0	12/15/17	WG	Flow (in gpm)	6.66	gpm	CAPA-18-148934
R-18	1358.0	08/31/17	WG	Flow (in gpm)	6.98	gpm	CAPA-17-142934
R-18	1358.0	03/15/17	WG	Flow (in gpm)	6.52	gpm	CAPA-17-130197
R-18	1358.0	12/05/16	WG	Flow (in gpm)	6.52	gpm	CAPA-17-127806
R-18	1358.0	09/14/16	WG	Flow (in gpm)	6.67	gpm	CAPA-16-125246
R-18	1358.0	06/08/16	WG	Flow (in gpm)	6.66	gpm	CAPA-16-121787
R-18	1358.0	02/13/18	WG	Oxidation-Reduction Potential	137.9	mV	CAPA-18-3
R-18	1358.0	12/15/17	WG	Oxidation-Reduction Potential	174.3	mV	CAPA-18-148934
R-18	1358.0	08/31/17	WG	Oxidation-Reduction Potential	139.8	mV	CAPA-17-142934
R-18	1358.0	03/15/17	WG	Oxidation-Reduction Potential	171.8	mV	CAPA-17-130197
R-18	1358.0	12/05/16	WG	Oxidation-Reduction Potential	114.1	mV	CAPA-17-127806
R-18	1358.0	09/14/16	WG	Oxidation-Reduction Potential	178.6	mV	CAPA-16-125246
R-18	1358.0	06/08/16	WG	Oxidation-Reduction Potential	180.3	mV	CAPA-16-121787
R-18	1358.0	02/13/18	WG	pH	7.73	SU	CAPA-18-3
R-18	1358.0	12/15/17	WG	pH	7.69	SU	CAPA-18-148934
R-18	1358.0	08/31/17	WG	pH	7.53	SU	CAPA-17-142934
R-18	1358.0	03/15/17	WG	pH	7.73	SU	CAPA-17-130197
R-18	1358.0	12/05/16	WG	pH	7.74	SU	CAPA-17-127806

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-18	1358.0	09/14/16	WG	pH	7.41	SU	CAPA-16-125246
R-18	1358.0	06/08/16	WG	pH	8.1	SU	CAPA-16-121787
R-18	1358.0	02/13/18	WG	Specific Conductance	113.3	µS/cm	CAPA-18-3
R-18	1358.0	12/15/17	WG	Specific Conductance	113.8	µS/cm	CAPA-18-148934
R-18	1358.0	08/31/17	WG	Specific Conductance	115.1	µS/cm	CAPA-17-142934
R-18	1358.0	03/15/17	WG	Specific Conductance	114.2	µS/cm	CAPA-17-130197
R-18	1358.0	12/05/16	WG	Specific Conductance	115.3	µS/cm	CAPA-17-127806
R-18	1358.0	09/14/16	WG	Specific Conductance	115.1	µS/cm	CAPA-16-125246
R-18	1358.0	06/08/16	WG	Specific Conductance	139	µS/cm	CAPA-16-121787
R-18	1358.0	02/13/18	WG	Temperature	15.6	deg C	CAPA-18-3
R-18	1358.0	12/15/17	WG	Temperature	15.1	deg C	CAPA-18-148934
R-18	1358.0	08/31/17	WG	Temperature	16.2	deg C	CAPA-17-142934
R-18	1358.0	03/15/17	WG	Temperature	16.1	deg C	CAPA-17-130197
R-18	1358.0	12/05/16	WG	Temperature	14.7	deg C	CAPA-17-127806
R-18	1358.0	09/14/16	WG	Temperature	16.9	deg C	CAPA-16-125246
R-18	1358.0	06/08/16	WG	Temperature	17.06	deg C	CAPA-16-121787
R-18	1358.0	02/13/18	WG	Turbidity	5.1	NTU	CAPA-18-3
R-18	1358.0	12/15/17	WG	Turbidity	0.16	NTU	CAPA-18-148934
R-18	1358.0	08/31/17	WG	Turbidity	2.8	NTU	CAPA-17-142934
R-18	1358.0	03/15/17	WG	Turbidity	0.15	NTU	CAPA-17-130197
R-18	1358.0	12/05/16	WG	Turbidity	0.35	NTU	CAPA-17-127806
R-18	1358.0	09/14/16	WG	Turbidity	1.6	NTU	CAPA-16-125246
R-18	1358.0	06/08/16	WG	Turbidity	0.3	NTU	CAPA-16-121787
R-26 PZ-2	150.0	08/30/17	WG	Dissolved Oxygen	7.39	mg/L	CAWA-17-142915
R-26 PZ-2	150.0	06/07/17	WG	Dissolved Oxygen	7.56	mg/L	CAWA-17-133298
R-26 PZ-2	150.0	03/21/17	WG	Dissolved Oxygen	7.26	mg/L	CAWA-17-130186
R-26 PZ-2	150.0	12/15/16	WG	Dissolved Oxygen	7.68	mg/L	CAWA-17-127944
R-26 PZ-2	150.0	09/16/16	WG	Dissolved Oxygen	7.5	mg/L	CAWA-16-125202

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-26 PZ-2	150.0	06/09/16	WG	Dissolved Oxygen	7.4	mg/L	CAWA-16-121764
R-26 PZ-2	150.0	08/30/17	WG	Oxidation-Reduction Potential	71.4	mV	CAWA-17-142915
R-26 PZ-2	150.0	06/07/17	WG	Oxidation-Reduction Potential	44.9	mV	CAWA-17-133298
R-26 PZ-2	150.0	03/21/17	WG	Oxidation-Reduction Potential	81.5	mV	CAWA-17-130186
R-26 PZ-2	150.0	12/15/16	WG	Oxidation-Reduction Potential	142.4	mV	CAWA-17-127944
R-26 PZ-2	150.0	09/16/16	WG	Oxidation-Reduction Potential	94.8	mV	CAWA-16-125202
R-26 PZ-2	150.0	06/09/16	WG	Oxidation-Reduction Potential	127.8	mV	CAWA-16-121764
R-26 PZ-2	150.0	08/30/17	WG	pH	6.96	SU	CAWA-17-142915
R-26 PZ-2	150.0	06/07/17	WG	pH	6.95	SU	CAWA-17-133298
R-26 PZ-2	150.0	03/21/17	WG	pH	7.21	SU	CAWA-17-130186
R-26 PZ-2	150.0	12/15/16	WG	pH	6.81	SU	CAWA-17-127944
R-26 PZ-2	150.0	09/16/16	WG	pH	6.95	SU	CAWA-16-125202
R-26 PZ-2	150.0	06/09/16	WG	pH	7.27	SU	CAWA-16-121764
R-26 PZ-2	150.0	08/30/17	WG	Specific Conductance	226.4	µS/cm	CAWA-17-142915
R-26 PZ-2	150.0	06/07/17	WG	Specific Conductance	228	µS/cm	CAWA-17-133298
R-26 PZ-2	150.0	03/21/17	WG	Specific Conductance	240.4	µS/cm	CAWA-17-130186
R-26 PZ-2	150.0	12/15/16	WG	Specific Conductance	224.5	µS/cm	CAWA-17-127944
R-26 PZ-2	150.0	09/16/16	WG	Specific Conductance	236.3	µS/cm	CAWA-16-125202
R-26 PZ-2	150.0	06/09/16	WG	Specific Conductance	259	µS/cm	CAWA-16-121764
R-26 PZ-2	150.0	08/30/17	WG	Temperature	13.7	deg C	CAWA-17-142915
R-26 PZ-2	150.0	06/07/17	WG	Temperature	15.5	deg C	CAWA-17-133298
R-26 PZ-2	150.0	03/21/17	WG	Temperature	14.9	deg C	CAWA-17-130186
R-26 PZ-2	150.0	12/15/16	WG	Temperature	11.8	deg C	CAWA-17-127944
R-26 PZ-2	150.0	09/16/16	WG	Temperature	17.2	deg C	CAWA-16-125202
R-26 PZ-2	150.0	06/09/16	WG	Temperature	15.36	deg C	CAWA-16-121764
R-26 PZ-2	150.0	08/30/17	WG	Turbidity	408	NTU	CAWA-17-142915
R-26 PZ-2	150.0	06/07/17	WG	Turbidity	610.2	NTU	CAWA-17-133298
R-26 PZ-2	150.0	03/21/17	WG	Turbidity	288.7	NTU	CAWA-17-130186

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-26 PZ-2	150.0	12/15/16	WG	Turbidity	35.6	NTU	CAWA-17-127944
R-26 PZ-2	150.0	09/16/16	WG	Turbidity	464.8	NTU	CAWA-16-125202
R-26 PZ-2	150.0	03/24/16	WG	Turbidity	730.7	NTU	CAWA-16-110750
R-26 S1	651.8	02/21/18	WG	Dissolved Oxygen	6.77	mg/L	CAWA-18-55
R-26 S1	651.8	08/31/17	WG	Dissolved Oxygen	6.83	mg/L	CAWA-17-142916
R-26 S1	651.8	09/20/16	WG	Dissolved Oxygen	6.55	mg/L	CAWA-16-125203
R-26 S1	651.8	03/23/16	WG	Dissolved Oxygen	6.7	mg/L	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Dissolved Oxygen	6.75	mg/L	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Dissolved Oxygen	6.75	mg/L	CAWA-14-54749
R-26 S1	651.8	02/21/18	WG	Flow (in gpm)	4	gpm	CAWA-18-55
R-26 S1	651.8	08/31/17	WG	Flow (in gpm)	3.7	gpm	CAWA-17-142916
R-26 S1	651.8	09/20/16	WG	Flow (in gpm)	3.85	gpm	CAWA-16-125203
R-26 S1	651.8	03/23/16	WG	Flow (in gpm)	4	gpm	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Flow (in gpm)	3.5	gpm	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Flow (in gpm)	4	gpm	CAWA-14-54749
R-26 S1	651.8	02/21/18	WG	Oxidation-Reduction Potential	132.4	mV	CAWA-18-55
R-26 S1	651.8	08/31/17	WG	Oxidation-Reduction Potential	252.2	mV	CAWA-17-142916
R-26 S1	651.8	09/20/16	WG	Oxidation-Reduction Potential	181.9	mV	CAWA-16-125203
R-26 S1	651.8	03/23/16	WG	Oxidation-Reduction Potential	263.9	mV	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Oxidation-Reduction Potential	153.2	mV	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Oxidation-Reduction Potential	144.4	mV	CAWA-14-54749
R-26 S1	651.8	02/21/18	WG	pH	7.54	SU	CAWA-18-55
R-26 S1	651.8	08/31/17	WG	pH	7.63	SU	CAWA-17-142916
R-26 S1	651.8	09/20/16	WG	pH	7.24	SU	CAWA-16-125203
R-26 S1	651.8	03/23/16	WG	pH	6.79	SU	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	pH	6.66	SU	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	pH	7.3	SU	CAWA-14-54749
R-26 S1	651.8	02/21/18	WG	Specific Conductance	99.3	µS/cm	CAWA-18-55

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-26 S1	651.8	08/31/17	WG	Specific Conductance	100.2	µS/cm	CAWA-17-142916
R-26 S1	651.8	09/20/16	WG	Specific Conductance	101.1	µS/cm	CAWA-16-125203
R-26 S1	651.8	03/23/16	WG	Specific Conductance	109	µS/cm	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Specific Conductance	102	µS/cm	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Specific Conductance	102	µS/cm	CAWA-14-54749
R-26 S1	651.8	02/21/18	WG	Temperature	15.3	deg C	CAWA-18-55
R-26 S1	651.8	08/31/17	WG	Temperature	16.6	deg C	CAWA-17-142916
R-26 S1	651.8	09/20/16	WG	Temperature	16.2	deg C	CAWA-16-125203
R-26 S1	651.8	03/23/16	WG	Temperature	14.9	deg C	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Temperature	15.16	deg C	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Temperature	15.53	deg C	CAWA-14-54749
R-26 S1	651.8	02/21/18	WG	Turbidity	0.5	NTU	CAWA-18-55
R-26 S1	651.8	08/31/17	WG	Turbidity	0.5	NTU	CAWA-17-142916
R-26 S1	651.8	09/20/16	WG	Turbidity	1.1	NTU	CAWA-16-125203
R-26 S1	651.8	03/23/16	WG	Turbidity	0.4	NTU	CAWA-16-110751
R-26 S1	651.8	01/21/15	WG	Turbidity	1.07	NTU	CAWA-15-91340
R-26 S1	651.8	03/11/14	WG	Turbidity	0.8	NTU	CAWA-14-54749
R-47	—	02/13/18	WG	Dissolved Oxygen	6.26	mg/L	CAWA-18-63
R-47	—	12/11/17	WG	Dissolved Oxygen	6.24	mg/L	CAWA-18-148914
R-47	—	09/13/17	WG	Dissolved Oxygen	6.33	mg/L	CAWA-17-142918
R-47	—	06/13/17	WG	Dissolved Oxygen	6.35	mg/L	CAWA-17-133299
R-47	—	03/07/17	WG	Dissolved Oxygen	6.48	mg/L	CAWA-17-130188
R-47	—	12/06/16	WG	Dissolved Oxygen	6.46	mg/L	CAWA-17-127945
R-47	—	09/13/16	WG	Dissolved Oxygen	6.56	mg/L	CAWA-16-125204
R-47	—	03/21/16	WG	Dissolved Oxygen	6.56	mg/L	CAWA-16-110754
R-47	—	02/13/18	WG	Flow (in gpm)	3.95	gpm	CAWA-18-63
R-47	—	12/11/17	WG	Flow (in gpm)	3.9	gpm	CAWA-18-148914
R-47	—	09/13/17	WG	Flow (in gpm)	3.9	gpm	CAWA-17-142918

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-47	—	06/13/17	WG	Flow (in gpm)	4	gpm	CAWA-17-133299
R-47	—	03/07/17	WG	Flow (in gpm)	3.85	gpm	CAWA-17-130188
R-47	—	12/06/16	WG	Flow (in gpm)	3.94	gpm	CAWA-17-127945
R-47	—	09/13/16	WG	Flow (in gpm)	3.9	gpm	CAWA-16-125204
R-47	—	03/21/16	WG	Flow (in gpm)	3.75	gpm	CAWA-16-110754
R-47	—	02/13/18	WG	Oxidation-Reduction Potential	195.6	mV	CAWA-18-63
R-47	—	12/11/17	WG	Oxidation-Reduction Potential	172.6	mV	CAWA-18-148914
R-47	—	09/13/17	WG	Oxidation-Reduction Potential	219.9	mV	CAWA-17-142918
R-47	—	06/13/17	WG	Oxidation-Reduction Potential	160.7	mV	CAWA-17-133299
R-47	—	03/07/17	WG	Oxidation-Reduction Potential	166.5	mV	CAWA-17-130188
R-47	—	12/06/16	WG	Oxidation-Reduction Potential	159.8	mV	CAWA-17-127945
R-47	—	09/13/16	WG	Oxidation-Reduction Potential	168.4	mV	CAWA-16-125204
R-47	—	03/21/16	WG	Oxidation-Reduction Potential	268.5	mV	CAWA-16-110754
R-47	—	02/13/18	WG	pH	7.17	SU	CAWA-18-63
R-47	—	12/11/17	WG	pH	7.16	SU	CAWA-18-148914
R-47	—	09/13/17	WG	pH	6.7	SU	CAWA-17-142918
R-47	—	06/13/17	WG	pH	6.88	SU	CAWA-17-133299
R-47	—	03/07/17	WG	pH	7.01	SU	CAWA-17-130188
R-47	—	12/06/16	WG	pH	6.96	SU	CAWA-17-127945
R-47	—	09/13/16	WG	pH	7.04	SU	CAWA-16-125204
R-47	—	03/21/16	WG	pH	6.71	SU	CAWA-16-110754
R-47	—	02/13/18	WG	Specific Conductance	107.4	µS/cm	CAWA-18-63
R-47	—	12/11/17	WG	Specific Conductance	107.3	µS/cm	CAWA-18-148914
R-47	—	09/13/17	WG	Specific Conductance	108.2	µS/cm	CAWA-17-142918
R-47	—	06/13/17	WG	Specific Conductance	108.7	µS/cm	CAWA-17-133299
R-47	—	03/07/17	WG	Specific Conductance	109.2	µS/cm	CAWA-17-130188
R-47	—	12/06/16	WG	Specific Conductance	109	µS/cm	CAWA-17-127945
R-47	—	09/13/16	WG	Specific Conductance	110	µS/cm	CAWA-16-125204

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-47	—	03/21/16	WG	Specific Conductance	118	µS/cm	CAWA-16-110754
R-47	—	02/13/18	WG	Temperature	14.1	deg C	CAWA-18-63
R-47	—	12/11/17	WG	Temperature	13.8	deg C	CAWA-18-148914
R-47	—	09/13/17	WG	Temperature	14.6	deg C	CAWA-17-142918
R-47	—	06/13/17	WG	Temperature	15.2	deg C	CAWA-17-133299
R-47	—	03/07/17	WG	Temperature	13.3	deg C	CAWA-17-130188
R-47	—	12/06/16	WG	Temperature	13.1	deg C	CAWA-17-127945
R-47	—	09/13/16	WG	Temperature	14.3	deg C	CAWA-16-125204
R-47	—	03/21/16	WG	Temperature	14.02	deg C	CAWA-16-110754
R-47	—	02/13/18	WG	Turbidity	1.39	NTU	CAWA-18-63
R-47	—	12/11/17	WG	Turbidity	1.24	NTU	CAWA-18-148914
R-47	—	09/13/17	WG	Turbidity	1.04	NTU	CAWA-17-142918
R-47	—	06/13/17	WG	Turbidity	2.89	NTU	CAWA-17-133299
R-47	—	03/07/17	WG	Turbidity	1.45	NTU	CAWA-17-130188
R-47	—	12/06/16	WG	Turbidity	1.37	NTU	CAWA-17-127945
R-47	—	09/13/16	WG	Turbidity	0.8	NTU	CAWA-16-125204
R-47	—	03/21/16	WG	Turbidity	1.7	NTU	CAWA-16-110754
R-47i	840.0	02/08/18	WG	Dissolved Oxygen	6.27	mg/L	CAWA-18-57
R-47i	840.0	12/15/17	WG	Dissolved Oxygen	6.43	mg/L	CAWA-18-148911
R-47i	840.0	09/13/17	WG	Dissolved Oxygen	6.23	mg/L	CAWA-17-142919
R-47i	840.0	06/14/17	WG	Dissolved Oxygen	6.1	mg/L	CAWA-17-133300
R-47i	840.0	03/07/17	WG	Dissolved Oxygen	6.09	mg/L	CAWA-17-130189
R-47i	840.0	12/06/16	WG	Dissolved Oxygen	6.42	mg/L	CAWA-17-127946
R-47i	840.0	09/12/16	WG	Dissolved Oxygen	5.9	mg/L	CAWA-16-125205
R-47i	840.0	01/26/15	WG	Dissolved Oxygen	6.28	mg/L	CAWA-15-91344
R-47i	840.0	02/08/18	WG	Flow (in gpm)	0.8	gpm	CAWA-18-57
R-47i	840.0	12/15/17	WG	Flow (in gpm)	0.79	gpm	CAWA-18-148911
R-47i	840.0	09/13/17	WG	Flow (in gpm)	0.93	gpm	CAWA-17-142919

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-47i	840.0	06/14/17	WG	Flow (in gpm)	1.07	gpm	CAWA-17-133300
R-47i	840.0	03/07/17	WG	Flow (in gpm)	1.1	gpm	CAWA-17-130189
R-47i	840.0	12/06/16	WG	Flow (in gpm)	0.72	gpm	CAWA-17-127946
R-47i	840.0	09/12/16	WG	Flow (in gpm)	0.99	gpm	CAWA-16-125205
R-47i	840.0	01/26/15	WG	Flow (in gpm)	0.78	gpm	CAWA-15-91344
R-47i	840.0	02/08/18	WG	Oxidation-Reduction Potential	217	mV	CAWA-18-57
R-47i	840.0	12/15/17	WG	Oxidation-Reduction Potential	160.3	mV	CAWA-18-148911
R-47i	840.0	09/13/17	WG	Oxidation-Reduction Potential	253.7	mV	CAWA-17-142919
R-47i	840.0	06/14/17	WG	Oxidation-Reduction Potential	157.6	mV	CAWA-17-133300
R-47i	840.0	03/07/17	WG	Oxidation-Reduction Potential	104.7	mV	CAWA-17-130189
R-47i	840.0	12/06/16	WG	Oxidation-Reduction Potential	137.3	mV	CAWA-17-127946
R-47i	840.0	09/12/16	WG	Oxidation-Reduction Potential	145.4	mV	CAWA-16-125205
R-47i	840.0	01/26/15	WG	Oxidation-Reduction Potential	151.4	mV	CAWA-15-91344
R-47i	840.0	02/08/18	WG	pH	7.32	SU	CAWA-18-57
R-47i	840.0	12/15/17	WG	pH	7.24	SU	CAWA-18-148911
R-47i	840.0	09/13/17	WG	pH	7.28	SU	CAWA-17-142919
R-47i	840.0	06/14/17	WG	pH	7.05	SU	CAWA-17-133300
R-47i	840.0	03/07/17	WG	pH	7.2	SU	CAWA-17-130189
R-47i	840.0	12/06/16	WG	pH	7.3	SU	CAWA-17-127946
R-47i	840.0	09/12/16	WG	pH	7.29	SU	CAWA-16-125205
R-47i	840.0	01/26/15	WG	pH	7.24	SU	CAWA-15-91344
R-47i	840.0	02/08/18	WG	Specific Conductance	118.6	µS/cm	CAWA-18-57
R-47i	840.0	12/15/17	WG	Specific Conductance	119.6	µS/cm	CAWA-18-148911
R-47i	840.0	09/13/17	WG	Specific Conductance	121.6	µS/cm	CAWA-17-142919
R-47i	840.0	06/14/17	WG	Specific Conductance	122.1	µS/cm	CAWA-17-133300
R-47i	840.0	03/07/17	WG	Specific Conductance	123.6	µS/cm	CAWA-17-130189
R-47i	840.0	12/06/16	WG	Specific Conductance	124	µS/cm	CAWA-17-127946
R-47i	840.0	09/12/16	WG	Specific Conductance	126.5	µS/cm	CAWA-16-125205

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-47i	840.0	01/26/15	WG	Specific Conductance	123	µS/cm	CAWA-15-91344
R-47i	840.0	02/08/18	WG	Temperature	14.4	deg C	CAWA-18-57
R-47i	840.0	12/15/17	WG	Temperature	14.3	deg C	CAWA-18-148911
R-47i	840.0	09/13/17	WG	Temperature	16.9	deg C	CAWA-17-142919
R-47i	840.0	06/14/17	WG	Temperature	15.4	deg C	CAWA-17-133300
R-47i	840.0	03/07/17	WG	Temperature	14.1	deg C	CAWA-17-130189
R-47i	840.0	12/06/16	WG	Temperature	11.2	deg C	CAWA-17-127946
R-47i	840.0	09/12/16	WG	Temperature	16.4	deg C	CAWA-16-125205
R-47i	840.0	01/26/15	WG	Temperature	14.92	deg C	CAWA-15-91344
R-47i	840.0	02/08/18	WG	Turbidity	0.64	NTU	CAWA-18-57
R-47i	840.0	12/15/17	WG	Turbidity	0.95	NTU	CAWA-18-148911
R-47i	840.0	09/13/17	WG	Turbidity	0.91	NTU	CAWA-17-142919
R-47i	840.0	06/14/17	WG	Turbidity	0.66	NTU	CAWA-17-133300
R-47i	840.0	03/07/17	WG	Turbidity	0.94	NTU	CAWA-17-130189
R-47i	840.0	12/06/16	WG	Turbidity	2.3	NTU	CAWA-17-127946
R-47i	840.0	09/12/16	WG	Turbidity	3.3	NTU	CAWA-16-125205
R-47i	840.0	01/26/15	WG	Turbidity	1.59	NTU	CAWA-15-91344
R-48	—	02/07/18	WG	Dissolved Oxygen	7.05	mg/L	CAWA-18-71
R-48	—	12/06/17	WG	Dissolved Oxygen	7.13	mg/L	CAWA-18-148912
R-48	—	09/05/17	WG	Dissolved Oxygen	6.59	mg/L	CAWA-17-142920
R-48	—	06/05/17	WG	Dissolved Oxygen	7.6	mg/L	CAWA-17-133301
R-48	—	03/14/17	WG	Dissolved Oxygen	6.93	mg/L	CAWA-17-130190
R-48	—	09/15/16	WG	Dissolved Oxygen	7.8	mg/L	CAWA-16-125206
R-48	—	03/22/16	WG	Dissolved Oxygen	8.66	mg/L	CAWA-16-110756
R-48	—	01/26/15	WG	Dissolved Oxygen	6.78	mg/L	CAWA-15-91345
R-48	—	02/07/18	WG	Flow (in gpm)	6.12	gpm	CAWA-18-71
R-48	—	12/06/17	WG	Flow (in gpm)	6	gpm	CAWA-18-148912
R-48	—	09/05/17	WG	Flow (in gpm)	6.25	gpm	CAWA-17-142920

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-48	—	06/05/17	WG	Flow (in gpm)	6	gpm	CAWA-17-133301
R-48	—	03/14/17	WG	Flow (in gpm)	5.76	gpm	CAWA-17-130190
R-48	—	12/19/16	WG	Flow (in gpm)	6	gpm	CAWA-17-127947
R-48	—	09/15/16	WG	Flow (in gpm)	6.12	gpm	CAWA-16-125206
R-48	—	03/22/16	WG	Flow (in gpm)	6	gpm	CAWA-16-110756
R-48	—	02/07/18	WG	Oxidation-Reduction Potential	168.1	mV	CAWA-18-71
R-48	—	12/06/17	WG	Oxidation-Reduction Potential	167.9	mV	CAWA-18-148912
R-48	—	09/05/17	WG	Oxidation-Reduction Potential	240.8	mV	CAWA-17-142920
R-48	—	06/05/17	WG	Oxidation-Reduction Potential	143.6	mV	CAWA-17-133301
R-48	—	03/14/17	WG	Oxidation-Reduction Potential	151.6	mV	CAWA-17-130190
R-48	—	12/19/16	WG	Oxidation-Reduction Potential	207.3	mV	CAWA-17-127947
R-48	—	09/15/16	WG	Oxidation-Reduction Potential	211.5	mV	CAWA-16-125206
R-48	—	03/22/16	WG	Oxidation-Reduction Potential	230.6	mV	CAWA-16-110756
R-48	—	02/07/18	WG	pH	8.2	SU	CAWA-18-71
R-48	—	12/06/17	WG	pH	8.17	SU	CAWA-18-148912
R-48	—	09/05/17	WG	pH	8.06	SU	CAWA-17-142920
R-48	—	06/05/17	WG	pH	8.2	SU	CAWA-17-133301
R-48	—	03/14/17	WG	pH	8.24	SU	CAWA-17-130190
R-48	—	12/19/16	WG	pH	8.25	SU	CAWA-17-127947
R-48	—	09/15/16	WG	pH	7.84	SU	CAWA-16-125206
R-48	—	03/22/16	WG	pH	8.13	SU	CAWA-16-110756
R-48	—	02/07/18	WG	Specific Conductance	123	µS/cm	CAWA-18-71
R-48	—	12/06/17	WG	Specific Conductance	123.2	µS/cm	CAWA-18-148912
R-48	—	09/05/17	WG	Specific Conductance	124.8	µS/cm	CAWA-17-142920
R-48	—	06/05/17	WG	Specific Conductance	125	µS/cm	CAWA-17-133301
R-48	—	03/14/17	WG	Specific Conductance	124	µS/cm	CAWA-17-130190
R-48	—	12/19/16	WG	Specific Conductance	124	µS/cm	CAWA-17-127947
R-48	—	09/15/16	WG	Specific Conductance	122.1	µS/cm	CAWA-16-125206

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-48	—	03/22/16	WG	Specific Conductance	128	µS/cm	CAWA-16-110756
R-48	—	02/07/18	WG	Temperature	18.4	deg C	CAWA-18-71
R-48	—	12/06/17	WG	Temperature	17.2	deg C	CAWA-18-148912
R-48	—	09/05/17	WG	Temperature	21.2	deg C	CAWA-17-142920
R-48	—	06/05/17	WG	Temperature	20.8	deg C	CAWA-17-133301
R-48	—	03/14/17	WG	Temperature	20.6	deg C	CAWA-17-130190
R-48	—	12/19/16	WG	Temperature	15.2	deg C	CAWA-17-127947
R-48	—	09/15/16	WG	Temperature	20.9	deg C	CAWA-16-125206
R-48	—	03/22/16	WG	Temperature	19.87	deg C	CAWA-16-110756
R-48	—	02/07/18	WG	Turbidity	5.8	NTU	CAWA-18-71
R-48	—	12/06/17	WG	Turbidity	1.23	NTU	CAWA-18-148912
R-48	—	09/05/17	WG	Turbidity	1.31	NTU	CAWA-17-142920
R-48	—	06/05/17	WG	Turbidity	2.81	NTU	CAWA-17-133301
R-48	—	03/14/17	WG	Turbidity	1.08	NTU	CAWA-17-130190
R-48	—	12/19/16	WG	Turbidity	2.67	NTU	CAWA-17-127947
R-48	—	09/15/16	WG	Turbidity	3.5	NTU	CAWA-16-125206
R-48	—	03/22/16	WG	Turbidity	9.71	NTU	CAWA-16-110756
R-58	1257.0	02/07/18	WG	Dissolved Oxygen	6.27	mg/L	CAWA-18-74
R-58	1257.0	12/06/17	WG	Dissolved Oxygen	5.69	mg/L	CAWA-18-148915
R-58	1257.0	09/05/17	WG	Dissolved Oxygen	6.14	mg/L	CAWA-17-142921
R-58	1257.0	03/13/17	WG	Dissolved Oxygen	6.22	mg/L	CAWA-17-130191
R-58	1257.0	03/21/16	WG	Dissolved Oxygen	5.87	mg/L	CAWA-16-110757
R-58	1257.0	02/07/18	WG	Flow (in gpm)	4.28	gpm	CAWA-18-74
R-58	1257.0	12/06/17	WG	Flow (in gpm)	4.34	gpm	CAWA-18-148915
R-58	1257.0	09/05/17	WG	Flow (in gpm)	4.22	gpm	CAWA-17-142921
R-58	1257.0	03/13/17	WG	Flow (in gpm)	4.29	gpm	CAWA-17-130191
R-58	1257.0	03/21/16	WG	Flow (in gpm)	4.41	gpm	CAWA-16-110757
R-58	1257.0	02/07/18	WG	Oxidation-Reduction Potential	73.1	mV	CAWA-18-74

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-58	1257.0	12/06/17	WG	Oxidation-Reduction Potential	62.9	mV	CAWA-18-148915
R-58	1257.0	09/05/17	WG	Oxidation-Reduction Potential	96.4	mV	CAWA-17-142921
R-58	1257.0	03/13/17	WG	Oxidation-Reduction Potential	53	mV	CAWA-17-130191
R-58	1257.0	03/21/16	WG	Oxidation-Reduction Potential	214.5	mV	CAWA-16-110757
R-58	1257.0	02/07/18	WG	pH	8.2	SU	CAWA-18-74
R-58	1257.0	12/06/17	WG	pH	8.15	SU	CAWA-18-148915
R-58	1257.0	09/05/17	WG	pH	8.07	SU	CAWA-17-142921
R-58	1257.0	03/13/17	WG	pH	7.94	SU	CAWA-17-130191
R-58	1257.0	03/21/16	WG	pH	8.11	SU	CAWA-16-110757
R-58	1257.0	02/07/18	WG	Specific Conductance	123.8	µS/cm	CAWA-18-74
R-58	1257.0	12/06/17	WG	Specific Conductance	123.4	µS/cm	CAWA-18-148915
R-58	1257.0	09/05/17	WG	Specific Conductance	127.6	µS/cm	CAWA-17-142921
R-58	1257.0	03/13/17	WG	Specific Conductance	132.1	µS/cm	CAWA-17-130191
R-58	1257.0	03/21/16	WG	Specific Conductance	132.2	µS/cm	CAWA-16-110757
R-58	1257.0	02/07/18	WG	Temperature	18.3	deg C	CAWA-18-74
R-58	1257.0	12/06/17	WG	Temperature	19.4	deg C	CAWA-18-148915
R-58	1257.0	09/05/17	WG	Temperature	20.5	deg C	CAWA-17-142921
R-58	1257.0	03/13/17	WG	Temperature	18.2	deg C	CAWA-17-130191
R-58	1257.0	03/21/16	WG	Temperature	20.33	deg C	CAWA-16-110757
R-58	1257.0	02/07/18	WG	Turbidity	1.2	NTU	CAWA-18-74
R-58	1257.0	12/06/17	WG	Turbidity	1.84	NTU	CAWA-18-148915
R-58	1257.0	09/05/17	WG	Turbidity	2.15	NTU	CAWA-17-142921
R-58	1257.0	03/13/17	WG	Turbidity	1.37	NTU	CAWA-17-130191
R-58	1257.0	03/21/16	WG	Turbidity	4.75	NTU	CAWA-16-110757
R-63	1325.0	02/07/18	WG	Dissolved Oxygen	5.65	mg/L	CAWA-18-77
R-63	1325.0	09/11/17	WG	Dissolved Oxygen	5.66	mg/L	CAWA-17-142922
R-63	1325.0	06/14/17	WG	Dissolved Oxygen	5.59	mg/L	CAWA-17-133303
R-63	1325.0	03/08/17	WG	Dissolved Oxygen	5.55	mg/L	CAWA-17-130192

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-63	1325.0	12/08/16	WG	Dissolved Oxygen	5.75	mg/L	CAWA-17-127959
R-63	1325.0	09/12/16	WG	Dissolved Oxygen	5.47	mg/L	CAWA-16-125208
R-63	1325.0	03/29/16	WG	Dissolved Oxygen	5.82	mg/L	CAWA-16-110758
R-63	1325.0	02/07/18	WG	Flow (in gpm)	7.14	gpm	CAWA-18-77
R-63	1325.0	09/11/17	WG	Flow (in gpm)	7.31	gpm	CAWA-17-142922
R-63	1325.0	06/14/17	WG	Flow (in gpm)	7.31	gpm	CAWA-17-133303
R-63	1325.0	03/08/17	WG	Flow (in gpm)	6.97	gpm	CAWA-17-130192
R-63	1325.0	12/08/16	WG	Flow (in gpm)	7.5	gpm	CAWA-17-127959
R-63	1325.0	09/12/16	WG	Flow (in gpm)	7.5	gpm	CAWA-16-125208
R-63	1325.0	03/29/16	WG	Flow (in gpm)	7.69	gpm	CAWA-16-110758
R-63	1325.0	02/07/18	WG	Oxidation-Reduction Potential	158.5	mV	CAWA-18-77
R-63	1325.0	09/11/17	WG	Oxidation-Reduction Potential	175	mV	CAWA-17-142922
R-63	1325.0	06/14/17	WG	Oxidation-Reduction Potential	177.2	mV	CAWA-17-133303
R-63	1325.0	03/08/17	WG	Oxidation-Reduction Potential	217.2	mV	CAWA-17-130192
R-63	1325.0	12/08/16	WG	Oxidation-Reduction Potential	140.5	mV	CAWA-17-127959
R-63	1325.0	09/12/16	WG	Oxidation-Reduction Potential	162.7	mV	CAWA-16-125208
R-63	1325.0	03/29/16	WG	Oxidation-Reduction Potential	7.6	mV	CAWA-16-110758
R-63	1325.0	02/07/18	WG	pH	7.52	SU	CAWA-18-77
R-63	1325.0	09/11/17	WG	pH	7.33	SU	CAWA-17-142922
R-63	1325.0	06/14/17	WG	pH	6.96	SU	CAWA-17-133303
R-63	1325.0	03/08/17	WG	pH	7.49	SU	CAWA-17-130192
R-63	1325.0	12/08/16	WG	pH	7.59	SU	CAWA-17-127959
R-63	1325.0	09/12/16	WG	pH	7.14	SU	CAWA-16-125208
R-63	1325.0	03/29/16	WG	pH	7.51	SU	CAWA-16-110758
R-63	1325.0	02/07/18	WG	Specific Conductance	104.7	µS/cm	CAWA-18-77
R-63	1325.0	09/11/17	WG	Specific Conductance	105.7	µS/cm	CAWA-17-142922
R-63	1325.0	06/14/17	WG	Specific Conductance	106.1	µS/cm	CAWA-17-133303
R-63	1325.0	03/08/17	WG	Specific Conductance	106.1	µS/cm	CAWA-17-130192

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-63	1325.0	12/08/16	WG	Specific Conductance	106.1	µS/cm	CAWA-17-127959
R-63	1325.0	09/12/16	WG	Specific Conductance	107	µS/cm	CAWA-16-125208
R-63	1325.0	03/29/16	WG	Specific Conductance	114	µS/cm	CAWA-16-110758
R-63	1325.0	02/07/18	WG	Temperature	13.4	deg C	CAWA-18-77
R-63	1325.0	09/11/17	WG	Temperature	14.4	deg C	CAWA-17-142922
R-63	1325.0	06/14/17	WG	Temperature	15.1	deg C	CAWA-17-133303
R-63	1325.0	03/08/17	WG	Temperature	14	deg C	CAWA-17-130192
R-63	1325.0	12/08/16	WG	Temperature	13.1	deg C	CAWA-17-127959
R-63	1325.0	09/12/16	WG	Temperature	15.5	deg C	CAWA-16-125208
R-63	1325.0	03/29/16	WG	Temperature	13.8	deg C	CAWA-16-110758
R-63	1325.0	02/07/18	WG	Turbidity	0.47	NTU	CAWA-18-77
R-63	1325.0	09/11/17	WG	Turbidity	0.68	NTU	CAWA-17-142922
R-63	1325.0	06/14/17	WG	Turbidity	0.45	NTU	CAWA-17-133303
R-63	1325.0	03/08/17	WG	Turbidity	0.95	NTU	CAWA-17-130192
R-63	1325.0	12/08/16	WG	Turbidity	5.8	NTU	CAWA-17-127959
R-63	1325.0	09/12/16	WG	Turbidity	1.7	NTU	CAWA-16-125208
R-63	1325.0	03/29/16	WG	Turbidity	0.3	NTU	CAWA-16-110758
R-68	1340.0	02/06/18	WG	Dissolved Oxygen	5.61	mg/L	CAWA-18-80
R-68	1340.0	12/11/17	WG	Dissolved Oxygen	5.68	mg/L	CAWA-18-148918
R-68	1340.0	07/13/17	WG	Dissolved Oxygen	5.69	mg/L	CAWA-17-141862
R-68	1340.0	06/02/17	WG	Dissolved Oxygen	6.21	mg/L	CAWA-17-134190
R-68	1340.0	02/06/18	WG	Flow (in gpm)	5.45	gpm	CAWA-18-80
R-68	1340.0	12/11/17	WG	Flow (in gpm)	5.66	gpm	CAWA-18-148918
R-68	1340.0	07/13/17	WG	Flow (in gpm)	5.45	gpm	CAWA-17-141862
R-68	1340.0	06/02/17	WG	Flow (in gpm)	5.76	gpm	CAWA-17-134190
R-68	1340.0	02/06/18	WG	Oxidation-Reduction Potential	86.8	mV	CAWA-18-80
R-68	1340.0	12/11/17	WG	Oxidation-Reduction Potential	36.5	mV	CAWA-18-148918
R-68	1340.0	07/13/17	WG	Oxidation-Reduction Potential	199.9	mV	CAWA-17-141862

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-68	1340.0	06/02/17	WG	Oxidation-Reduction Potential	161.5	mV	CAWA-17-134190
R-68	1340.0	02/06/18	WG	pH	7.5	SU	CAWA-18-80
R-68	1340.0	12/11/17	WG	pH	7.45	SU	CAWA-18-148918
R-68	1340.0	07/13/17	WG	pH	7.49	SU	CAWA-17-141862
R-68	1340.0	06/02/17	WG	pH	7.93	SU	CAWA-17-134190
R-68	1340.0	02/06/18	WG	Specific Conductance	112.9	µS/cm	CAWA-18-80
R-68	1340.0	12/11/17	WG	Specific Conductance	112.8	µS/cm	CAWA-18-148918
R-68	1340.0	07/13/17	WG	Specific Conductance	116.8	µS/cm	CAWA-17-141862
R-68	1340.0	06/02/17	WG	Specific Conductance	125.5	µS/cm	CAWA-17-134190
R-68	1340.0	02/06/18	WG	Temperature	13.4	deg C	CAWA-18-80
R-68	1340.0	12/11/17	WG	Temperature	14.9	deg C	CAWA-18-148918
R-68	1340.0	07/13/17	WG	Temperature	13.9	deg C	CAWA-17-141862
R-68	1340.0	06/02/17	WG	Temperature	14.1	deg C	CAWA-17-134190
R-68	1340.0	02/06/18	WG	Turbidity	8.2	NTU	CAWA-18-80
R-68	1340.0	12/11/17	WG	Turbidity	7.02	NTU	CAWA-18-148918
R-68	1340.0	07/13/17	WG	Turbidity	1.99	NTU	CAWA-17-141862
R-68	1340.0	06/02/17	WG	Turbidity	125.7	NTU	CAWA-17-134190
SWSC Spring	—	06/09/17	WG	Dissolved Oxygen	7.56	mg/L	CAWA-17-133305
SWSC Spring	—	03/10/17	WG	Dissolved Oxygen	7.62	mg/L	CAWA-17-130193
SWSC Spring	—	09/09/16	WG	Dissolved Oxygen	7.37	mg/L	CAWA-16-125209
SWSC Spring	—	03/25/16	WG	Dissolved Oxygen	7.28	mg/L	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	Dissolved Oxygen	7.79	mg/L	CAWA-10-25722
SWSC Spring	—	06/09/17	WG	Flow (in gpm)	0.75	gpm	CAWA-17-133305
SWSC Spring	—	03/10/17	WG	Flow (in gpm)	1.16	gpm	CAWA-17-130193
SWSC Spring	—	09/09/16	WG	Flow (in gpm)	0.29	gpm	CAWA-16-125209
SWSC Spring	—	03/25/16	WG	Flow (in gpm)	0.18	gpm	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	Flow (in gpm)	0.3	gpm	CAWA-10-25722
SWSC Spring	—	06/09/17	WG	pH	8.24	SU	CAWA-17-133305

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
SWSC Spring	—	03/10/17	WG	pH	7.57	SU	CAWA-17-130193
SWSC Spring	—	09/09/16	WG	pH	7.04	SU	CAWA-16-125209
SWSC Spring	—	03/25/16	WG	pH	6.95	SU	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	pH	6.82	SU	CAWA-10-25722
SWSC Spring	—	06/09/17	WG	Specific Conductance	177.7	µS/cm	CAWA-17-133305
SWSC Spring	—	03/10/17	WG	Specific Conductance	261.4	µS/cm	CAWA-17-130193
SWSC Spring	—	09/09/16	WG	Specific Conductance	213.3	µS/cm	CAWA-16-125209
SWSC Spring	—	03/25/16	WG	Specific Conductance	217	µS/cm	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	Specific Conductance	201	µS/cm	CAWA-10-25722
SWSC Spring	—	06/09/17	WG	Temperature	14	deg C	CAWA-17-133305
SWSC Spring	—	03/10/17	WG	Temperature	11.8	deg C	CAWA-17-130193
SWSC Spring	—	09/09/16	WG	Temperature	12.4	deg C	CAWA-16-125209
SWSC Spring	—	03/25/16	WG	Temperature	10.59	deg C	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	Temperature	10.18	deg C	CAWA-10-25722
SWSC Spring	—	06/09/17	WG	Turbidity	6.5	NTU	CAWA-17-133305
SWSC Spring	—	03/10/17	WG	Turbidity	15	NTU	CAWA-17-130193
SWSC Spring	—	09/09/16	WG	Turbidity	10.8	NTU	CAWA-16-125209
SWSC Spring	—	03/25/16	WG	Turbidity	13.2	NTU	CAWA-16-110759
SWSC Spring	—	09/10/10	WG	Turbidity	6.95	NTU	CAWA-10-25722

[a] — = Not applicable.

[b] WG = Groundwater.

[c] mg/L = Milligrams per liter.

[d] gpm = Gallons per minute.

[e] mV = Millivolts.

[f] SU = Standard unit.

[g] µS/cm – Microsiemens per centimeter.

[h] deg C = Degrees Celsius.

[i] NTU = Nephelometric turbidity unit.

[j] WS = Base flow surface water.

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	Contract 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
GELC	General Engineering Laboratories, Inc. (used in Environmental Information Management database)
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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
IDL	instrument detection limit
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	New Mexico
NMED	New Mexico Environment 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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
TCDD	tetrachlorodibenzo-p-dioxin
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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
PEB	performance evaluation blank
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

Acronyms and Abbreviations (continued)

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

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

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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

Secondary Validation Flag Codes

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

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.538	—	—	0.538	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.532	—	—	0.532	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.526	—	—	0.526	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	2.66	—	—	0.532	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.538	—	—	0.538	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.532	—	—	0.532	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.526	—	—	0.526	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	2.66	—	—	0.532	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.323	—	—	0.323	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.319	—	—	0.319	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.316	—	—	0.316	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	—	8.0	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	—	8.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	—	8.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	25.0	—	—	8.0	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	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	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4.0	—	—	1.45	mg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.6	—	—	1.45	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.4	—	—	1.45	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.9	—	—	1.45	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	—	1.45	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	97.6	—	—	68.0	µg/L	Y	J	J	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00486	0.00538	0.0274	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00261	0.00689	0.0426	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0181	0.027	0.053	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0485	0.0182	0.0809	—	pCi/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.017	—	—	0.017	mg/L	Y	J	J	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0313	—	—	0.017	mg/L	Y	J	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0587	—	—	0.017	mg/L	Y	—	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0951	—	—	0.017	mg/L	Y	—	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.67	—	—	4.67	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	—	4.2	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	—	4.2	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	10.0	—	—	4.2	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3.0	—	—	1.0	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1016	12674-11-2	N	0.0343	—	—	0.0343	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1016	12674-11-2	N	0.108	—	—	0.0358	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1221	11104-28-2	N	0.0343	—	—	0.0343	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1221	11104-28-2	N	0.108	—	—	0.0358	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1232	11141-16-5	N	0.0343	—	—	0.0343	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1232	11141-16-5	N	0.108	—	—	0.0358	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1242	53469-21-9	N	0.0343	—	—	0.0343	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1242	53469-21-9	N	0.108	—	—	0.0358	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1248	12672-29-6	N	0.0343	—	—	0.0343	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1248	12672-29-6	N	0.108	—	—	0.0358	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1254	11097-69-1	N	0.0343	—	—	0.0343	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1254	11097-69-1	N	0.108	—	—	0.0358	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1260	11096-82-5	N	0.0343	—	—	0.0343	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1260	11096-82-5	N	0.108	—	—	0.0358	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1262	37324-23-5	N	0.0343	—	—	0.0343	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1262	37324-23-5	N	0.108	—	—	0.0358	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.32	—	—	2.0	µg/L	Y	J	J	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5.0	—	—	2.0	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	11.3	—	—	1.0	µg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	10.8	—	—	1.0	µg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	10.3	—	—	1.0	µg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8.76	—	—	1.0	µg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.33	—	—	4.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	—	3.9	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	—	3.9	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	10.0	—	—	3.9	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.67	—	—	6.67	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	—	6.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	—	6.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	20.0	—	—	6.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	5.0	—	—	1.0	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	15.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	15.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	15.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50.0	—	—	15.0	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	—	15.0	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	—	15.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	—	15.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	50.0	—	—	15.0	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.73	—	—	0.05	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.25	—	—	0.05	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.51	1.49	4.67	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0344	1.36	4.85	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.242	1.28	4.73	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	8.23	3.35	4.84	—	pCi/L	Y	UI	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.43	—	—	0.067	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.38	—	—	0.067	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.41	—	—	0.067	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.38	—	—	0.067	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.67	—	—	3.67	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	10.0	—	—	3.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.456	—	—	0.456	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	—	0.41	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	—	0.41	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	1.0	—	—	0.41	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10.0	—	—	3.0	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5.0	—	—	1.0	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.373	1.26	4.81	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.79	1.12	5.07	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.666	1.38	5.38	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.04	1.42	5.12	—	pCi/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10.0	—	—	3.0	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	—	0.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	—	0.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	—	0.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	1.0	—	—	0.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	—	3.0	µg/L	Y	U	UJ	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.56	—	—	5.56	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	—	5.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	—	5.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	20.0	—	—	5.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	DNX	DNX	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	DNX	DNX	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	DNX	DNX	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	DNX	DNX	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.133	—	—	0.033	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0433	—	—	0.033	mg/L	Y	J	J	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0867	—	—	0.033	mg/L	Y	J	J	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.31	0.768	2.45	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.61	0.885	2.81	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.887	0.778	2.7	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	10.1	1.87	2.89	—	pCi/L	Y	—	NQ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.54	0.802	2.34	—	pCi/L	Y	—	NQ	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.23	0.385	1.24	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.8	0.423	1.34	—	pCi/L	Y	—	NQ	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.65	0.581	1.54	—	pCi/L	Y	—	NQ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.3	—	—	0.453	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	—	0.453	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.7	—	—	0.453	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	29.5	—	—	0.453	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0.0	—	—	—	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0.0	—	—	—	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0.0	—	—	—	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N	0.0	—	—	—	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N	0.0	—	—	—	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N	0.0	—	—	—	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxins (Total)	34465-46-8	N	0.0	—	—	—	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxins (Total)	34465-46-8	N	0.0	—	—	—	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzodioxins (Total)	34465-46-8	N	0.0	—	—	—	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofurans (Total)	55684-94-1	N	0.0	—	—	—	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofurans (Total)	55684-94-1	N	0.0	—	—	—	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Hexachlorodibenzofurans (Total)	55684-94-1	N	0.0	—	—	—	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	30.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	30.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	30.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	47.0	—	—	30.0	µg/L	Y	J	J	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	—	15.0	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	—	15.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	—	15.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	50.0	—	—	15.0	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.89	—	—	3.89	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	—	3.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	—	3.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	10.0	—	—	3.5	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2.0	—	—	0.5	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.92	—	—	0.11	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.16	—	—	0.11	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.17	—	—	0.11	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	2.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	2.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	2.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	33.0	—	—	2.0	µg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.2	—	—	0.067	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.2	—	—	0.067	µg/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.24	—	—	1.0	µg/L	Y	J	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	—	1.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	—	1.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.83	—	—	1.0	µg/L	Y	J	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	4.11	—	—	4.11	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	3.7	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	3.7	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	10.0	—	—	3.7	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	MNX	MNX	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	MNX	MNX	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	MNX	MNX	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	MNX	MNX	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.611	—	—	0.2	µg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.64	—	—	0.2	µg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.77	—	—	0.2	µg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.2	µg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.61	2.61	9.78	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.31	2.36	8.3	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.02	2.37	8.35	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.79	2.63	9.85	—	pCi/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.782	—	—	0.6	µg/L	Y	J	J	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.44	—	—	0.6	µg/L	Y	J	J	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.805	—	—	0.6	µg/L	Y	J	J	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2.0	—	—	0.6	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.593	—	—	0.017	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.631	—	—	0.017	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.675	—	—	0.017	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.736	—	—	0.017	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0882	—	—	0.0882	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0872	—	—	0.0872	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0863	—	—	0.0863	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.266	—	—	0.0872	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.161	—	—	0.161	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.16	—	—	0.16	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.158	—	—	0.158	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.532	—	—	0.16	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000103	—	—	0.0000346	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000104	—	—	0.0000347	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000108	—	—	0.0000361	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.0000103	—	—	0.0000346	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.0000104	—	—	0.0000347	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.0000108	—	—	0.0000361	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzodioxins (Total)	36088-22-9	N	0.0	—	—	—	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzodioxins (Total)	36088-22-9	N	0.0	—	—	—	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzodioxins (Total)	36088-22-9	N	0.0	—	—	—	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4	N	0.00000517	—	—	0.0000172	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4	N	0.00000519	—	—	0.0000173	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4	N	0.00000541	—	—	0.000018	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzofurans (Totals)	30402-15-4	N	0.0	—	—	—	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzofurans (Totals)	30402-15-4	N	0.0	—	—	—	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Pentachlorodibenzofurans (Totals)	30402-15-4	N	0.0	—	—	—	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.255	—	—	0.05	µg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.259	—	—	0.05	µg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.244	—	—	0.05	µg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.275	—	—	0.05	µg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.108	—	—	0.108	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.106	—	—	0.106	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.105	—	—	0.105	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.532	—	—	0.106	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00519	0.0082	0.0451	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00213	0.00768	0.0429	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00251	0.00561	0.0435	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0256	0.0135	0.073	—	pCi/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00259	0.00778	0.0363	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00213	0.00825	0.0462	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.015	0.00938	0.0564	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00427	0.0128	0.0774	—	pCi/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.825	—	—	0.05	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.751	—	—	0.05	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.774	—	—	0.05	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.372	—	—	0.05	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.0	18.1	61.0	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.4	18.2	68.8	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	55.2	28.6	43.3	—	pCi/L	Y	UI	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.1	20.7	81.5	—	pCi/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.333	—	—	0.333	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	1.0	—	—	0.3	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	Y	16.0	—	—	0.215	µg/L	Y	—	NQ	2018-1613	CAWA-18-81	GELC

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	Y	13.7	—	—	0.213	µg/L	Y	—	NQ	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	Y	17.1	—	—	0.211	µg/L	Y	—	NQ	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	07/13/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	Y	10.2	—	—	0.269	ug/L	Y	NQ	NQ	2017-1969	CAWA-17-141872	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	Y	8.08	—	—	0.0851	µg/L	Y	—	NQ	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	2.0	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	2.0	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	2.0	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5.0	—	—	2.0	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.8	—	—	0.053	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.8	—	—	0.053	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.1	—	—	0.053	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.4	—	—	0.053	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.13	—	—	0.1	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.14	—	—	0.1	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.21	—	—	0.1	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.5	—	—	0.1	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.7	1.54	5.22	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.247	1.33	5.15	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.84	1.38	4.57	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.37	1.23	5.28	—	pCi/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115.0	—	—	1.0	uS/cm	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115.0	—	—	1.0	uS/cm	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138.0	—	—	1.0	uS/cm	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157.0	—	—	1.0	uS/cm	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1.0	µg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.3	—	—	1.0	µg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.7	—	—	1.0	µg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.9	—	—	1.0	µg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.212	0.118	0.487	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.247	0.11	0.487	—	pCi/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0021	0.129	0.481	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.138	0.102	0.339	—	pCi/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	—	—	0.133	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	—	—	0.133	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.75	—	—	0.133	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.39	—	—	0.133	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.323	—	—	0.323	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.319	—	—	0.319	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.316	—	—	0.316	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	Y	—	NQ	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.1	—	—	—	deg C	Y	—	NQ	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	Y	—	NQ	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	Y	—	NQ	2018-1240	CAWA-18-150418	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	09/06/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.9	—	—	—	deg C	Y	—	NQ	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	Y	—	NQ	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.1	—	—	—	deg C	Y	—	NQ	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	Y	—	NQ	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	N	0.0000014	—	—	0.00000346	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	N	0.00000338	—	—	0.00000347	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	N	0.00000124	—	—	0.00000361	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzodioxins (Total)	41903-57-5	N	0.0	—	—	—	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzodioxins (Total)	41903-57-5	N	0.0	—	—	—	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzodioxins (Total)	41903-57-5	N	0.0	—	—	—	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	N	0.00000538	—	—	0.00000346	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	N	0.00000415	—	—	0.00000347	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	N	0.00000108	—	—	0.00000361	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzofurans (Totals)	55722-27-5	N	0.0	—	—	—	µg/L	Y	U	U	2018-1242	CAWA-18-148918	CFA
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzofurans (Totals)	55722-27-5	N	0.0	—	—	—	µg/L	Y	U	U	2017-2712	CAWA-17-143059	CFA
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	DIOXINS FURANS	SW-846:8290A	Tetrachlorodibenzofurans (Totals)	55722-27-5	N	0.0	—	—	—	µg/L	Y	U	U	2017-1652	CAWA-17-134190	CFA
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	Y	0.35	—	—	0.3	µg/L	Y	J	J	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.532	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.6	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2.0	—	—	0.6	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10.0	—	—	2.5	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TNX	TNX	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TNX	TNX	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TNX	TNX	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TNX	TNX	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110.0	—	—	3.4	mg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136.0	—	—	3.4	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0389	—	—	0.033	mg/L	Y	J	J	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0535	—	—	0.033	mg/L	Y	J	J+	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.403	—	—	0.033	mg/L	Y	—	J	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.498	—	—	0.33	mg/L	Y	J	J	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.439	—	—	0.33	mg/L	Y	J	J	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.393	—	—	0.33	mg/L	Y	J	J	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.673	—	—	0.33	mg/L	Y	J	J	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0429	—	—	0.02	mg/L	Y	J	J	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.076	—	—	0.02	mg/L	Y	—	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.143	—	—	0.02	mg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.057	—	—	0.02	mg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	—	2.0	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	—	2.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	—	2.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	5.0	—	—	2.0	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	—	3.0	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	10.0	—	—	3.0	µg/L	Y	U	UJ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.086	—	—	0.086	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0851	—	—	0.0851	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0842	—	—	0.0842	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.266	—	—	0.0851	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.323	—	—	0.323	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.319	—	—	0.319	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.316	—	—	0.316	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.01	0.955	3.248	—	pCi/L	Y	QU*	U	2018-1613-ARS	CAWA-18-81	ARSL
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.853	0.903	3.079	—	pCi/L	Y	U	U	2018-1275	CAWA-18-148918	ARSL
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.84	0.646	2.096	—	pCi/L	Y	U	U	2017-2716	CAWA-17-143059	ARSL
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.155	0.977	2.991	—	pCi/L	Y	U	U	2017-1691	CAWA-17-134190	ARSL
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.466	—	—	0.067	µg/L	Y	—	NQ	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.456	—	—	0.067	µg/L	Y	—	NQ	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.474	—	—	0.067	µg/L	Y	—	NQ	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.692	—	—	0.067	µg/L	Y	—	NQ	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.333	0.0347	0.141	—	pCi/L	Y	—	NQ	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.343	0.032	0.131	—	pCi/L	Y	—	J	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.382	0.0366	0.0696	—	pCi/L	Y	—	NQ	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.53	0.0955	0.139	—	pCi/L	Y	—	NQ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0226	0.0106	0.0787	—	pCi/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0753	0.0166	0.0614	—	pCi/L	Y	—	NQ	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0569	0.0172	0.0741	—	pCi/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0924	0.0275	0.136	—	pCi/L	Y	U	U	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.207	0.0269	0.0715	—	pCi/L	Y	—	J	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.211	0.026	0.0648	—	pCi/L	Y	—	NQ	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.276	0.0312	0.0673	—	pCi/L	Y	—	NQ	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.35	0.0907	0.144	—	pCi/L	Y	—	NQ	2017-1649	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.76	—	—	1.0	µg/L	Y	J	J	2018-1613	CAWA-18-80	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.84	—	—	1.0	µg/L	Y	J	J	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.94	—	—	1.0	µg/L	Y	J	J	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.91	—	—	1.0	µg/L	Y	J	J	2017-1649	CAWA-17-133332	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	5.0	—	—	1.5	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	1.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1613	CAWA-18-81	GELC
R-68	1340.0	12/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-1240	CAWA-18-148918	GELC
R-68	1340.0	09/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	—	0.3	µg/L	Y	U	U	2017-2708	CAWA-17-143059	GELC
R-68	1340.0	06/02/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	2.0	—	—	0.3	µg/L	Y	U	U	2017-1648	CAWA-17-134190	GELC
R-68	1340.0	02/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-1613	CAWA-18-80	GELC
R-68	1340.0	12/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-1240	CAWA-18-150418	GELC
R-68	1340.0	09/06/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2708	CAWA-17-143057	GELC
R-68	1340.0	06/02/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.0	—	—	3.3	µg/L	Y	U	U	2017-1649	CAWA-17-133332	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Values

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 Value	Screening-Value Type	Result/Screening Value
Alluvial	CDV-16-02656	3	2/10/18	Inorganic	Barium	Ba	F[a]	INIT[b]	REG[c]	Y[d]	1520	1.00	µg/L	1.00		NQ[e]	NQ	Y	SW-846:6010C	GELC[f]	1000	NM GW STD[g]	1.52
Alluvial	CDV-16-02656	3	6/2/17	Inorganic	Barium	Ba	F	INIT	REG	Y	1840	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	1.84
Alluvial	CDV-16-02656	3	9/1/17	Inorganic	Barium	Ba	F	INIT	REG	Y	1850	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	1.85
Alluvial	CDV-16-02659	1.7	2/10/18	Inorganic	Barium	Ba	F	INIT	REG	Y	4010	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	4.01
Alluvial	CDV-16-02659	1.7	6/15/17	Inorganic	Barium	Ba	F	INIT	REG	Y	4750	1.00	µg/L	1.00		J-[h]	I6a[i]	Y	SW-846:6010C	GELC	1000	NM GW STD	4.75
Alluvial	CDV-16-02659	1.7	6/15/17	LCMS/MS[j] High Explosives	RDX	121-82-4	UF[k]	DL[l]	REG	Y	10.7	0.233	µg/L	5		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.52
Alluvial	CDV-16-02659	1.7	6/15/17	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	10.5	0.093	µg/L	2		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.50
Alluvial	CDV-16-02659	1.7	9/14/17	Inorganic	Barium	Ba	F	INIT	REG	Y	4940	1.00	µg/L	1.00		J+[m]	I6b[n]	Y	SW-846:6010C	GELC	1000	NM GW STD	4.94
Alluvial	CDV-16-02659	1.7	9/14/17	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	7.21	0.0909	µg/L	2		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.03
Alluvial	CDV-16-611923	3.2	2/16/18	Inorganic	Barium	Ba	F	INIT	REG	Y	5050	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	5.05
Alluvial	CDV-16-611923	3.2	2/16/18	Inorganic	Iron	Fe	F	INIT	REG	Y	603	30.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.60
Alluvial	CDV-16-611923	3.2	6/6/17	Inorganic	Barium	Ba	F	INIT	REG	Y	6810	1.00	µg/L	1.00		J+	I6b	Y	SW-846:6010C	GELC	1000	NM GW STD	6.81
Alluvial	CDV-16-611923	3.2	6/6/17	Inorganic	Iron	Fe	F	INIT	REG	Y	939	30.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.94
Alluvial	CDV-16-611923	3.2	6/6/17	Inorganic	Manganese	Mn	F	INIT	REG	Y	238	2.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	1.19
Alluvial	CDV-16-611937	3	2/16/18	Inorganic	Barium	Ba	F	INIT	REG	Y	1340	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	1.34
Alluvial	CDV-16-611937	3	2/16/18	Inorganic	Iron	Fe	F	INIT	REG	Y	11700	30.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	11.70
Alluvial	CDV-16-611937	3	2/16/18	Inorganic	Manganese	Mn	F	INIT	REG	Y	1880	2.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	9.40
Alluvial	CDV-16-611937	3	6/6/17	Inorganic	Barium	Ba	F	INIT	REG	Y	544	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.54
Alluvial	CDV-16-611937	3	6/6/17	Inorganic	Manganese	Mn	F	INIT	REG	Y	1030	2.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	5.15
Alluvial	CDV-16-611937	3	9/12/17	Inorganic	Arsenic	As	F	INIT	REG	Y	5.26	2.00	µg/L	1.00		NQ	NQ	Y	SW-846:6020	GELC	10	EPA MCL	0.53
Alluvial	CDV-16-611937	3	9/12/17	Inorganic	Barium	Ba	F	INIT	REG	Y	2390	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	2.39
Alluvial	CDV-16-611937	3	9/12/17	Inorganic	Iron	Fe	F	INIT	REG	Y	4690	30.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	4.69
Alluvial	CDV-16-611937	3	9/12/17	Inorganic	Manganese	Mn	F	INIT	REG	Y	1850	2.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	200	NM GW STD	9.25
Alluvial	MSC-16-06294	2.5	2/10/18	Inorganic	Iron	Fe	F	INIT	REG	Y	640	30.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.64
Alluvial	PRB Alluvial Seep (16-61439)	—	2/16/18	Inorganic	Barium	Ba	F	INIT	REG	Y	2960	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	2.96
Alluvial	PRB Alluvial Seep (16-61439)	—	2/16/18	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	10.5	0.178	µg/L	4		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.50
Alluvial	PRB Alluvial Seep (16-61439)	—	6/12/17	Inorganic	Barium	Ba	F	INIT	REG	Y	3390	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	3.39

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 Value	Screening-Value Type	Result/Screening Value
Alluvial	PRB Alluvial Seep (16-61439)	—	6/12/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	13.1	0.225	µg/L	5		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.87
Alluvial	PRB Alluvial Seep (16-61439)	—	9/15/17	Inorganic	Barium	Ba	F	INIT	REG	Y	3730	1.00	µg/L	1.00		J-	I6a	Y	SW-846:6010C	GELC	1000	NM GW STD	3.73
Alluvial	PRB Alluvial Seep (16-61439)	—	9/15/17	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	6.89	0.0899	µg/L	2		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	0.98
Base Flow	Between E252 and Water at Beta	—	2/8/18	Inorganic	Aluminum	Al	UF	INIT	REG	Y	1420	68.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	530	NM Aqu^{o} Chronic 50 mg/L hardnes	2.68
Base Flow	Between E252 and Water at Beta	—	6/7/17	Inorganic	Aluminum	Al	UF	INIT	REG	Y	614	68.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	530	NM Aqu Chronic 50mg/L hardnes	1.16
Spring	Bulldog Spring	—	2/21/18	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	7.69	0.092	µg/L	2		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.10
Base Flow	Paj bel S-N Anch E Basin conf	—	2/13/18	Inorganic	Aluminum	Al	UF	INIT	REG	Y	1540	68.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	530	NM Aqu Chronic 50 mg/L hardnes	2.91
Base Flow	Paj bel S-N Anch E Basin conf	—	6/1/17	Inorganic	Aluminum	Al	UF	INIT	REG	Y	1470	68.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	530	NM Aqu Chronic 50 mg/L hardnes	2.77
Base Flow	Paj bel S-N Anch E Basin conf	—	9/6/17	Inorganic	Aluminum	Al	UF	INIT	REG	Y	270	68.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	530	NM Aqu Chronic 50 mg/L hardnes	0.51
Intermediate	16-26644	129	5/31/17	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	6.49	0.086	µg/L	2		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	0.92
Intermediate	CdV-16-1(i)	624	2/16/18	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	31.4	0.426	µg/L	10		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	4.47
Intermediate	CdV-16-1(i)	624	6/12/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	37.4	0.421	µg/L	10		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	5.33
Intermediate	CdV-16-1(i)	624	9/15/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	27.5	0.430	µg/L	10		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	3.92
Intermediate	CdV-16-1(i)	624	12/8/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	28	0.430	µg/L	10		J	HE12e	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	3.99
Intermediate	CdV-16-2(i)r	850	2/16/18	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	98.1	2.08	µg/L	50		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	13.97
Intermediate	CdV-16-2(i)r	850	6/6/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	99.3	2.13	µg/L	50		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	14.15
Intermediate	CdV-16-2(i)r	850	8/29/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	99.1	2.20	µg/L	50		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	14.12
Intermediate	CdV-16-2(i)r	850	12/5/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	126	1.03	µg/L	25		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	17.95
Intermediate	CDV-16-4ip S1	815.6	2/16/18	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	138	2.20	µg/L	50		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	19.66

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 Value	Screening-Value Type	Result/Screening Value
Intermediate	CDV-16-4ip S1	815.6	6/6/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	113	2.20	µg/L	50		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	16.10
Intermediate	CDV-16-4ip S1	815.6	8/29/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	134	2.08	µg/L	50		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	19.09
Intermediate	CDV-16-4ip S1	815.6	12/5/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	177	1.68	µg/L	40		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	25.21
Intermediate	CDV-9-1(i) S1	937.4	2/6/18	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	17.6	0.206	µg/L	5		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	2.51
Intermediate	CDV-9-1(i) S1	937.4	5/31/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	20.8	0.430	µg/L	10		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	2.96
Intermediate	CDV-9-1(i) S1	937.4	8/30/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	20	0.211	µg/L	5		J	HE12e	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	2.85
Intermediate	CDV-9-1(i) S1	937.4	12/19/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	17.6	0.222	µg/L	5		J	HE12e	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	2.51
Regional	R-68	1340	2/6/18	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	16	0.215	µg/L	5		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	2.28
Regional	R-68	1340	6/2/17	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	8.08	0.0851	µg/L	2		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.15
Regional	R-68	1340	7/13/17	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	10.2	0.086	µg/L	2		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.45
Regional	R-68	1340	9/6/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	17.1	0.211	µg/L	5		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	2.44
Regional	R-68	1340	12/11/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	13.7	0.213	µg/L	5		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.95
Spring	Bulldog Spring	—	8/29/17	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	4.01	0.0899	µg/L	2		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	0.57
Spring	Burning Ground Spring	—	2/10/18	Inorganic	Barium	Ba	F	INIT	REG	Y	502	1.00	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.50
Spring	Burning Ground Spring	—	2/10/18	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	15	0.213	µg/L	5		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	2.14
Spring	Burning Ground Spring	—	6/9/17	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	7.5	0.0851	µg/L	2		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.07
Spring	Burning Ground Spring	—	9/1/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	12	0.215	µg/L	5		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.71
Spring	Martin Spring	—	2/23/18	Inorganic	Boron	B	F	INIT	REG	Y	984	15.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	750	NM GW STD	1.31
Spring	Martin Spring	—	2/23/18	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	80.4	1.09	µg/L	25		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	11.45
Spring	Martin Spring	—	6/1/17	Inorganic	Boron	B	F	INIT	REG	Y	918	15.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	750	NM GW STD	1.22

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 Value	Screening-Value Type	Result/Screening Value
Spring	Martin Spring	—	6/1/17	LCMS/MS High Explosives	RDX	121-82-4	UF	INIT	REG	Y	74	2.15	µg/L	50		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	10.54
Spring	Martin Spring	—	8/29/17	Inorganic	Boron	B	F	INIT	REG	Y	934	15.0	µg/L	1.00		NQ	NQ	Y	SW-846:6010C	GELC	750	NM GW STD	1.25
Spring	Martin Spring	—	8/29/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	61.1	1.15	µg/L	25		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	8.70
Spring	SWSC Spring	—	6/9/17	LCMS/MS High Explosives	RDX	121-82-4	UF	DL	REG	Y	12.7	0.223	µg/L	5		NQ	NQ	Y	SW-846:8330B	GELC	7.02	NMED A1 TAP SCRN LVL	1.81

[a] F = Filtered.

[b] INIT = Initial.

[c] REG = Regular.

[d] Y = Yes.

[e] NQ = Not qualified.

[f] GELC = GEL Laboratories, LLC, Division of the GEL Group, Charleston, SC.

[g] NM Groundwater Standard = New Mexico Water Quality Control Commission groundwater standard.

[h] 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.

[i] I6a = The associated matrix spike recovery was below the lower acceptance limit but >10%. Follow the external laboratory limits located within the associated data package.

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

[k] UF = Unfiltered.

[l] DL = Dilution.

[m] J+ = The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.

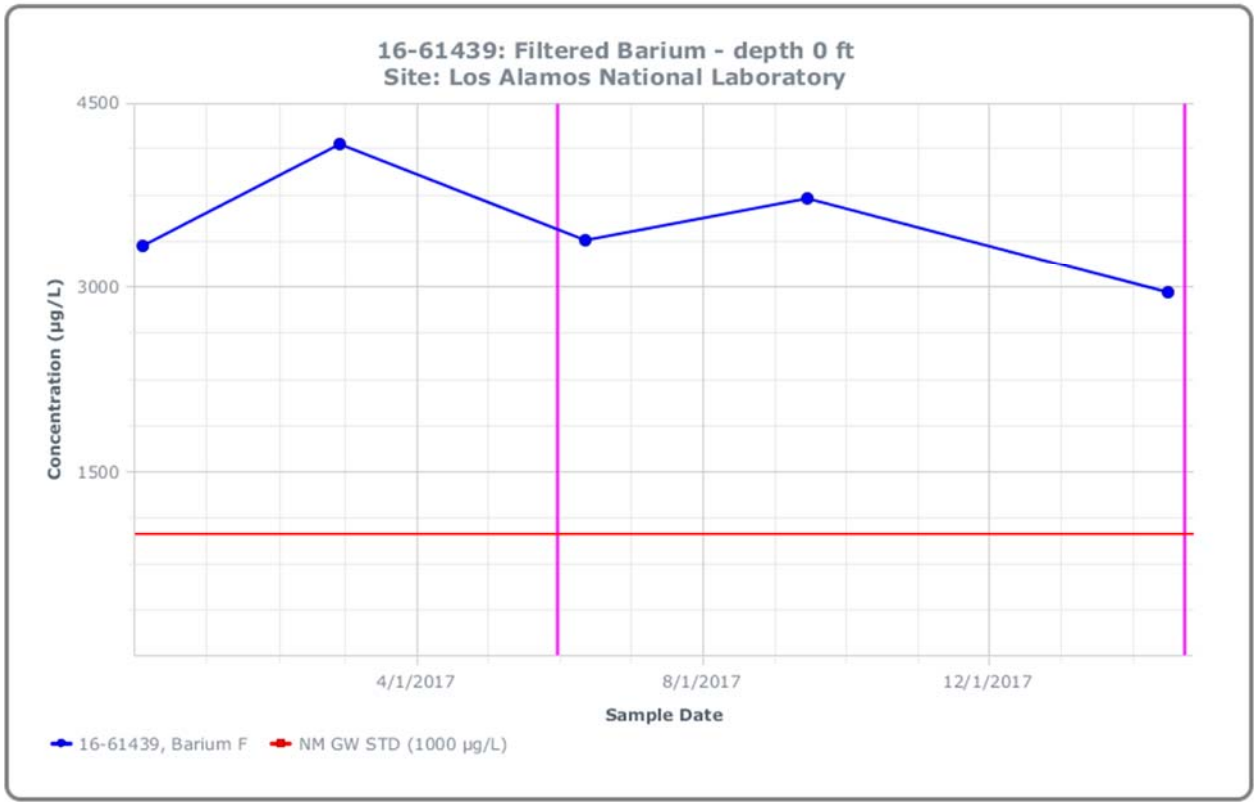
[n] I6b = The associated matrix spike recovery was above the upper acceptance limit. Follow the external laboratory limits located within the associated data package.

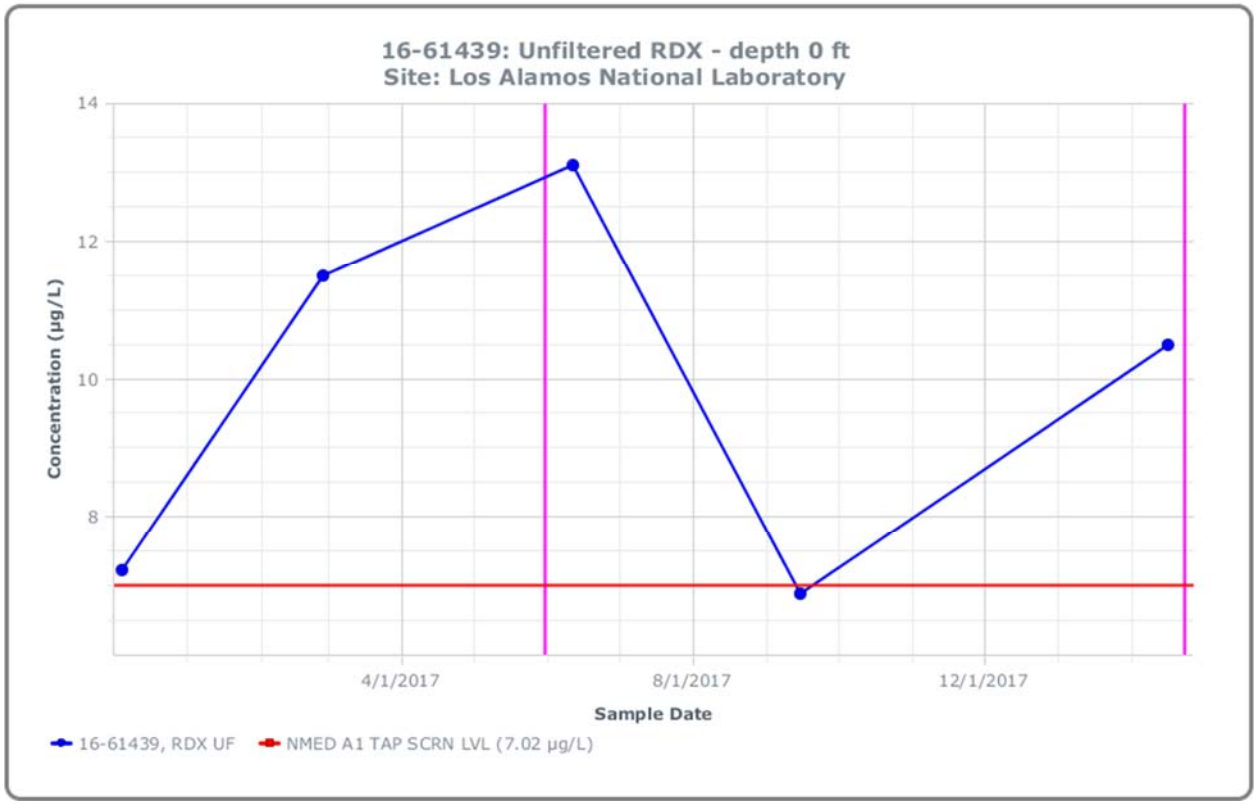
[o] NM Aqu Acute = New Mexico Water Quality Control Commission aquatic life standards acute.

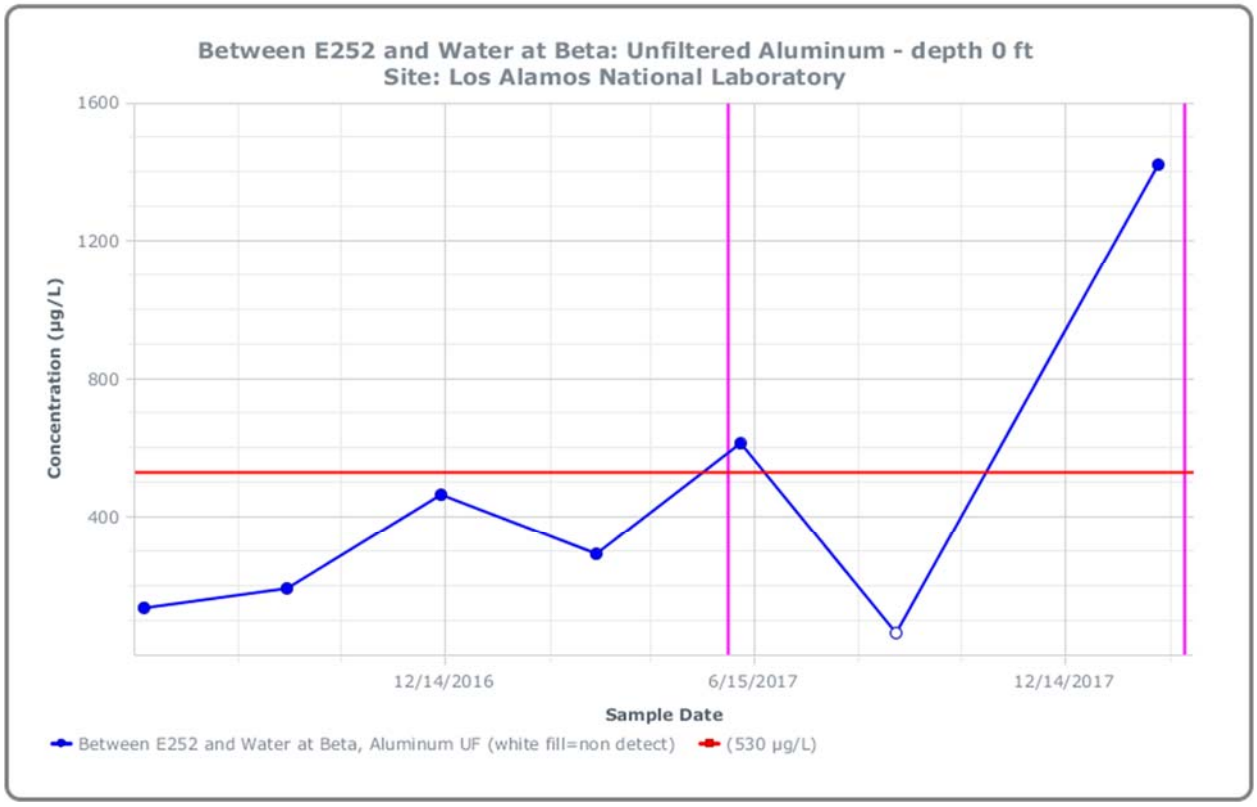
Appendix E

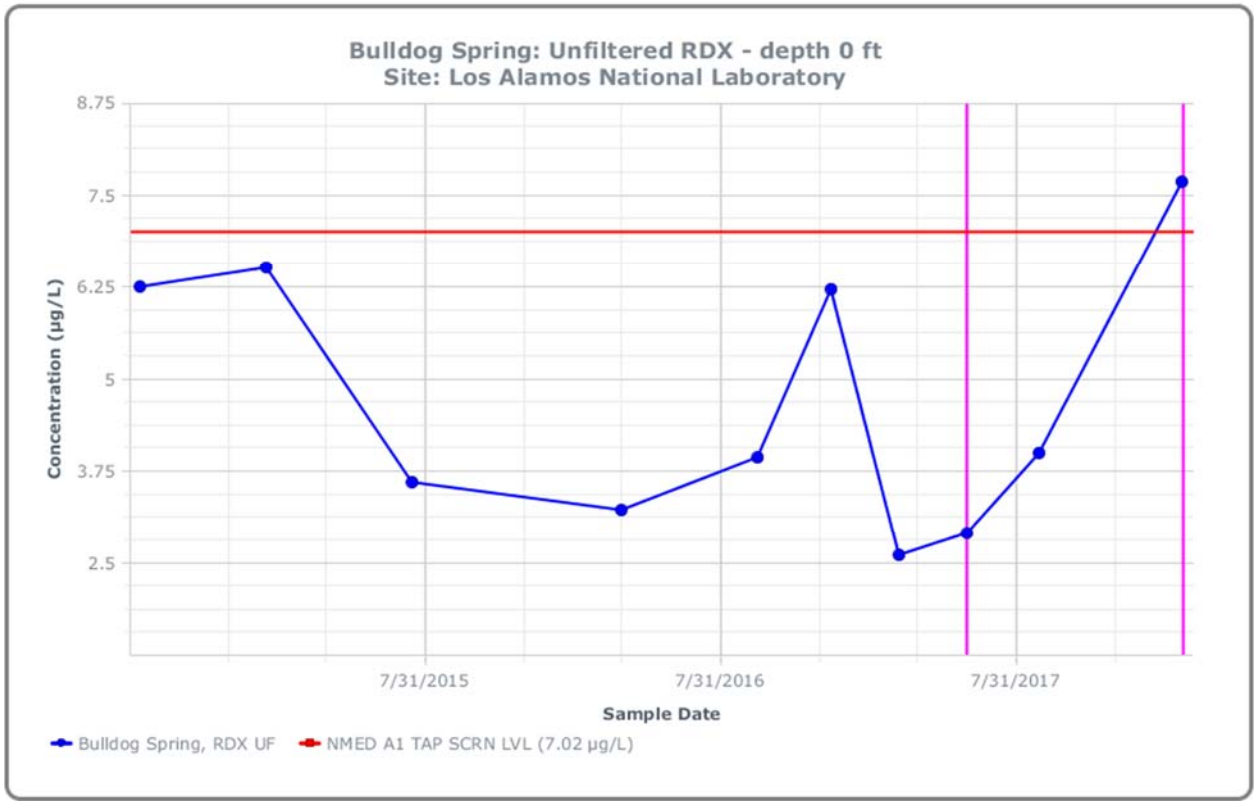
Analytical Chemistry Graphs of Screening-Value Exceedances

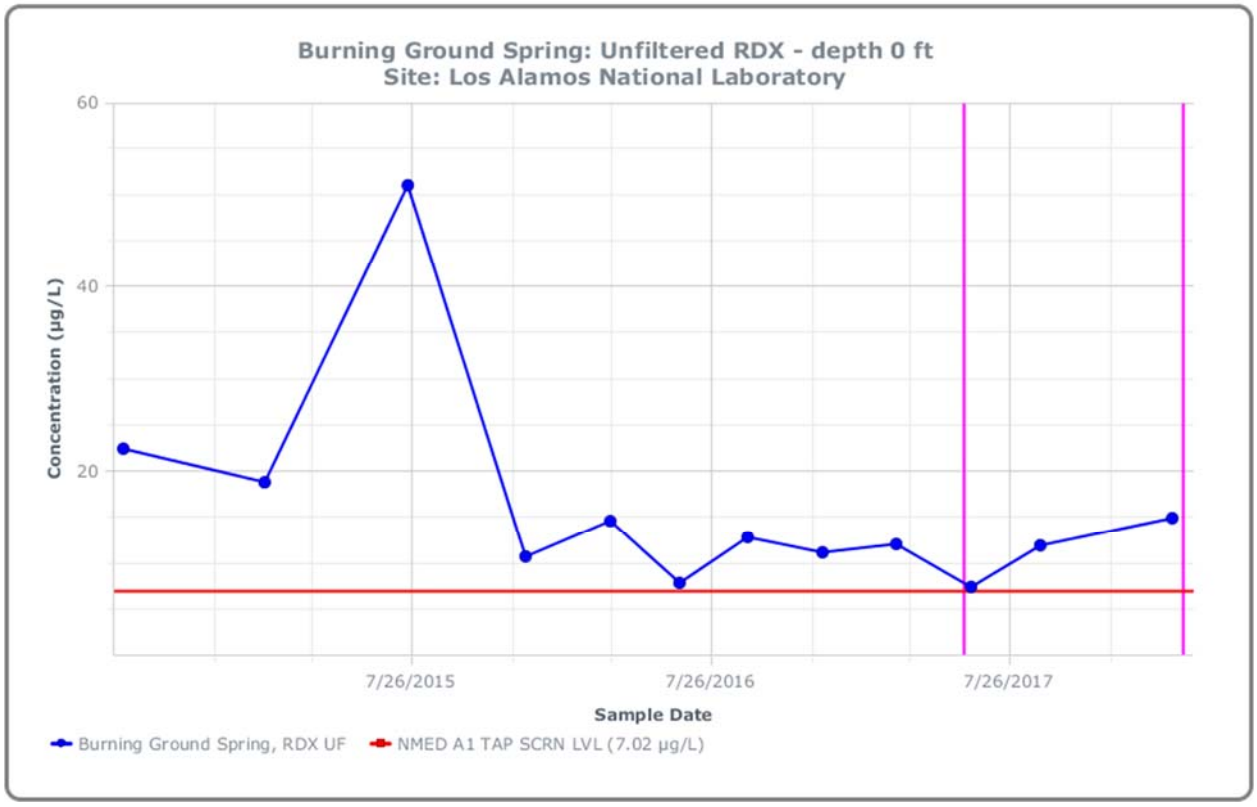
Note: The depths in the concentration plots are screen top depths (see Table 2.0-1).

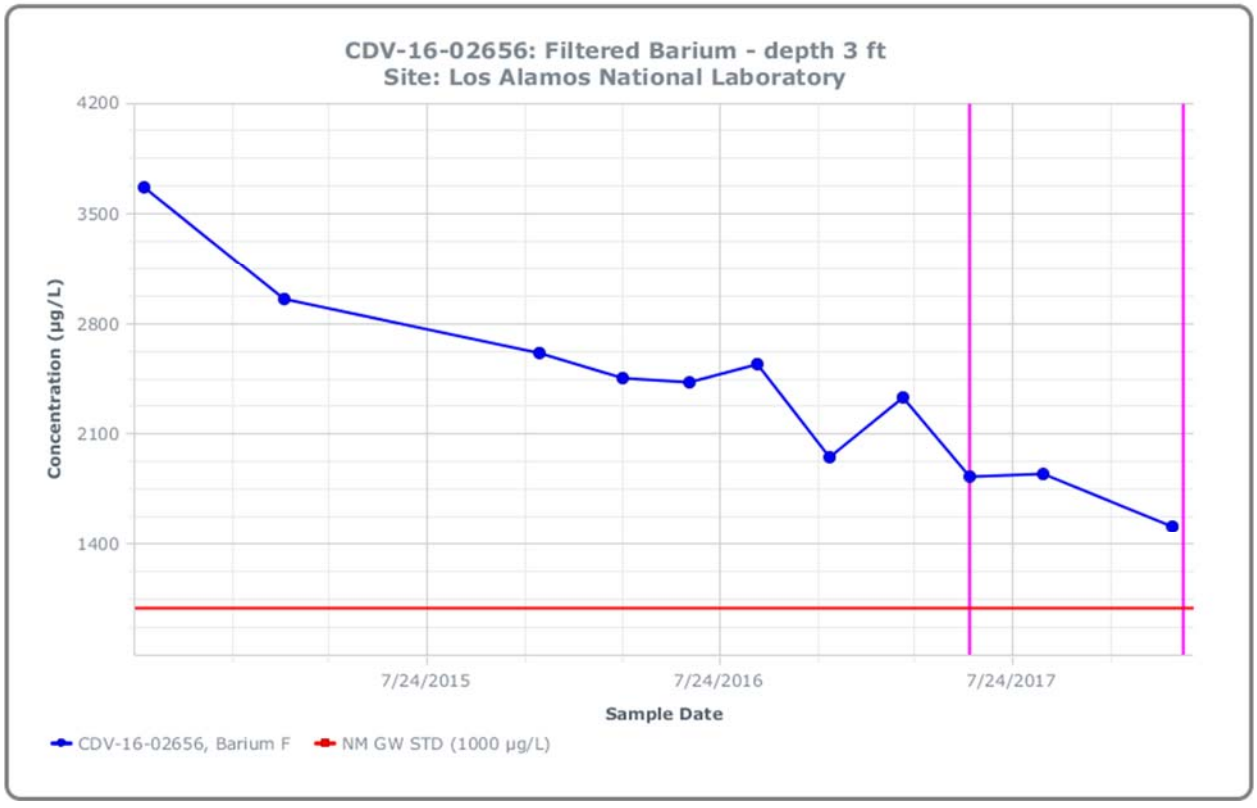


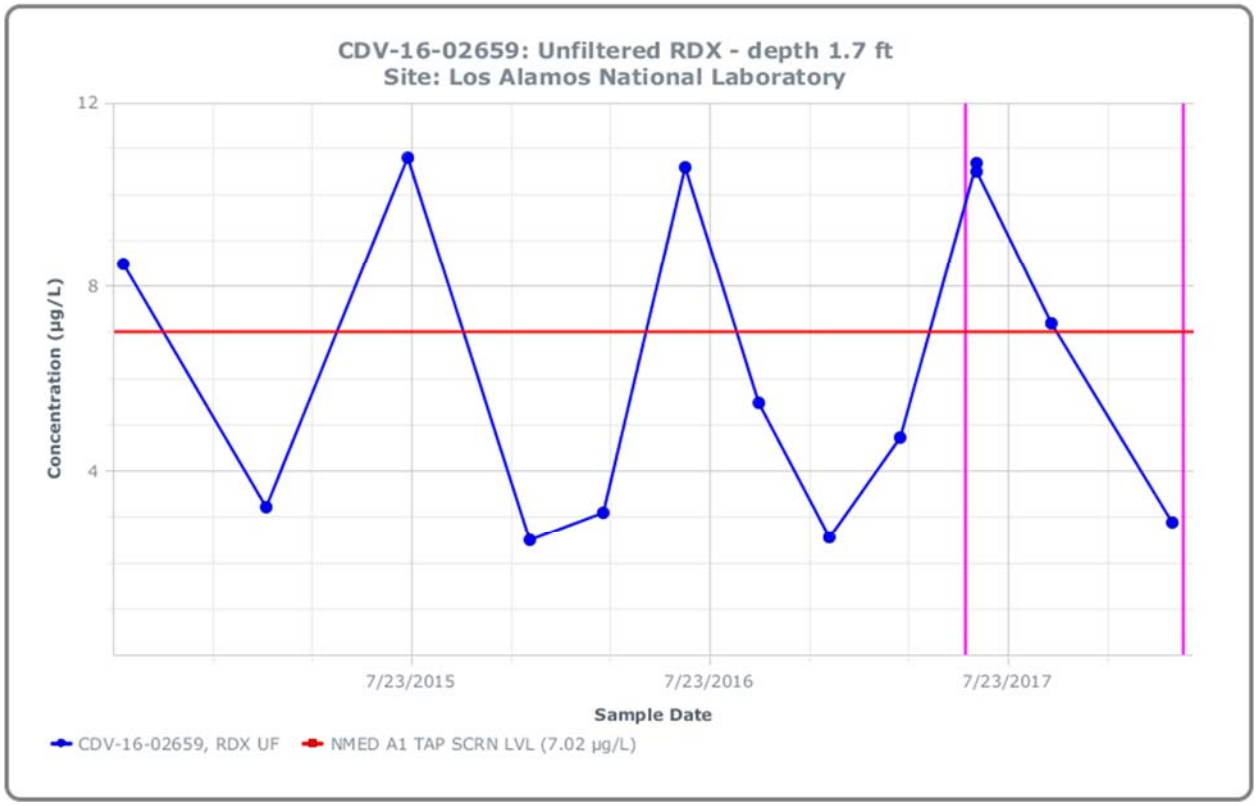


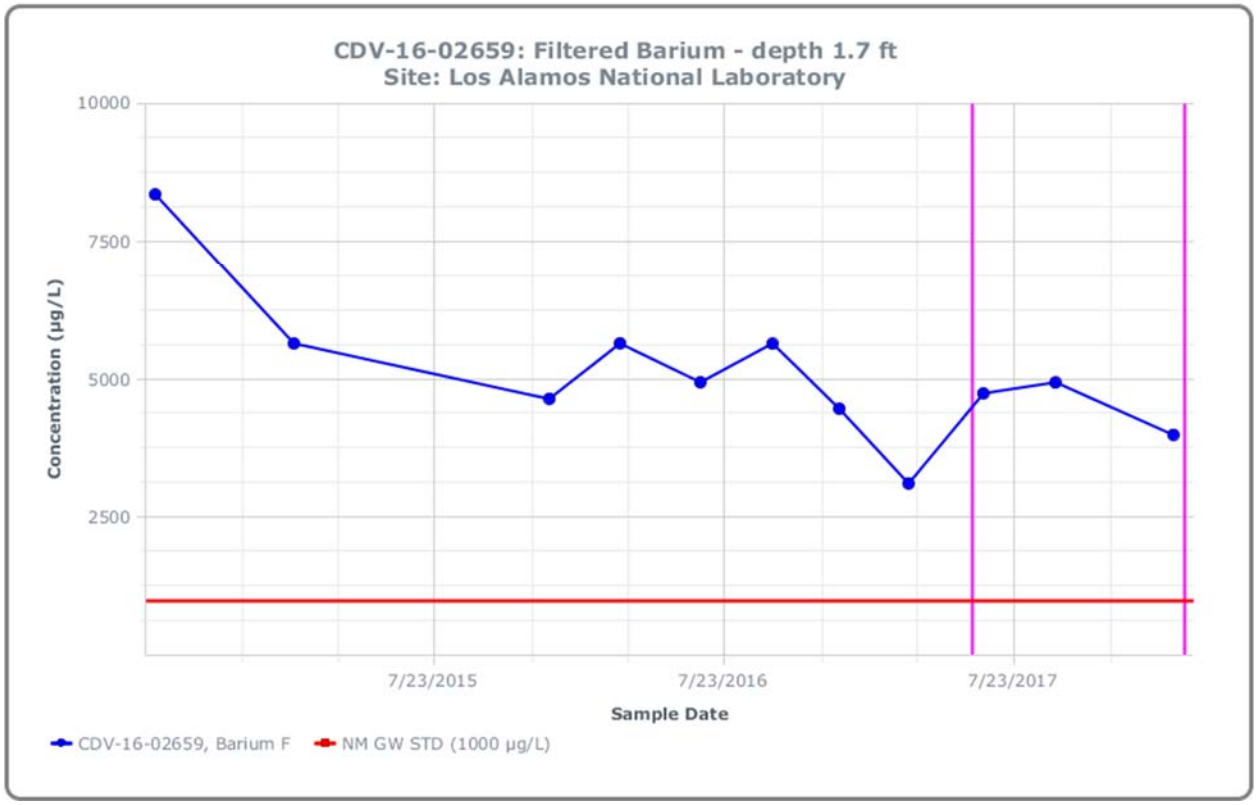

Between E252 and Water at Beta: Unfiltered Aluminum - depth 0 ft
Site: Los Alamos National Laboratory
1600
1200
800
400
Concentration (µg/L)
12/14/2016
6/15/2017
12/14/2017
Sample Date
Between E252 and Water at Beta, Aluminum UF (white fill=non detect)
(530 µg/L)

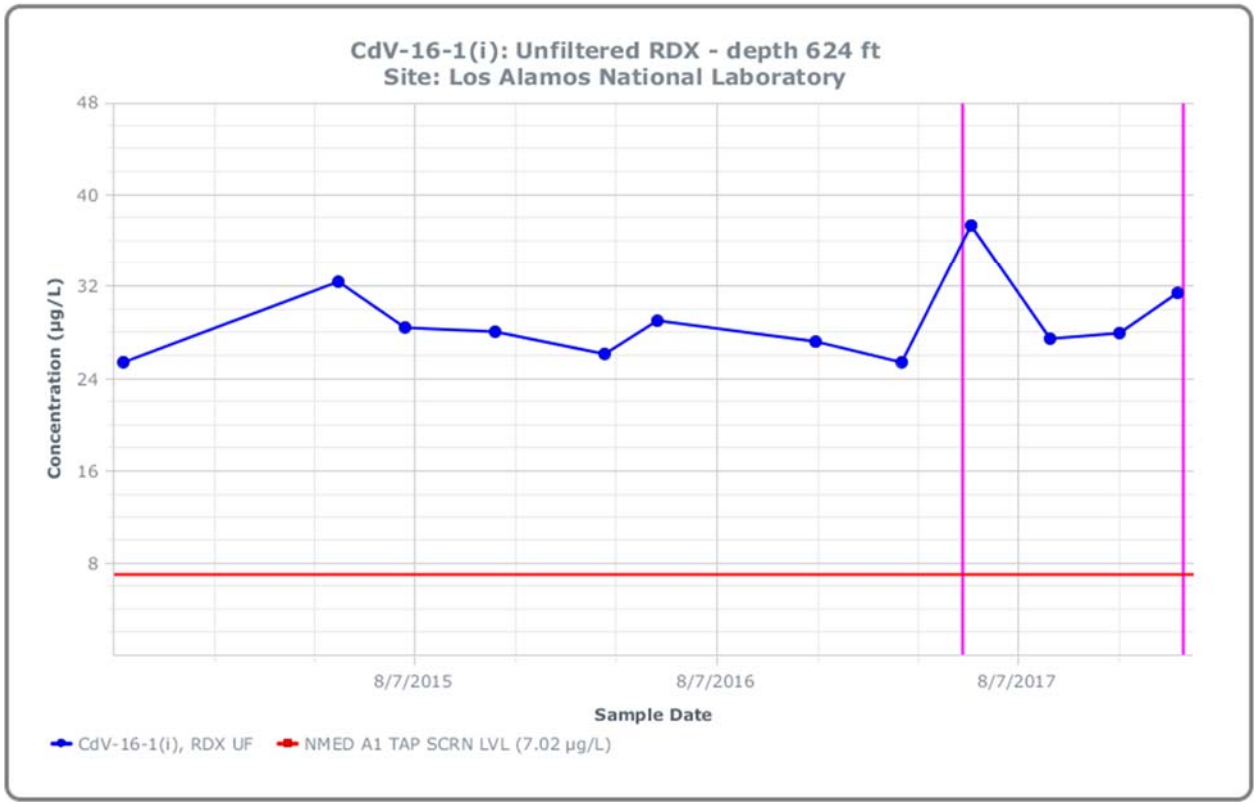

Bulldog Spring: Unfiltered RDX - depth 0 ft
Site: Los Alamos National Laboratory
8.75
7.5
6.25
5
3.75
2.5
Concentration (µg/L)
7/31/2015
7/31/2016
7/31/2017
Sample Date
Bulldog Spring, RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)

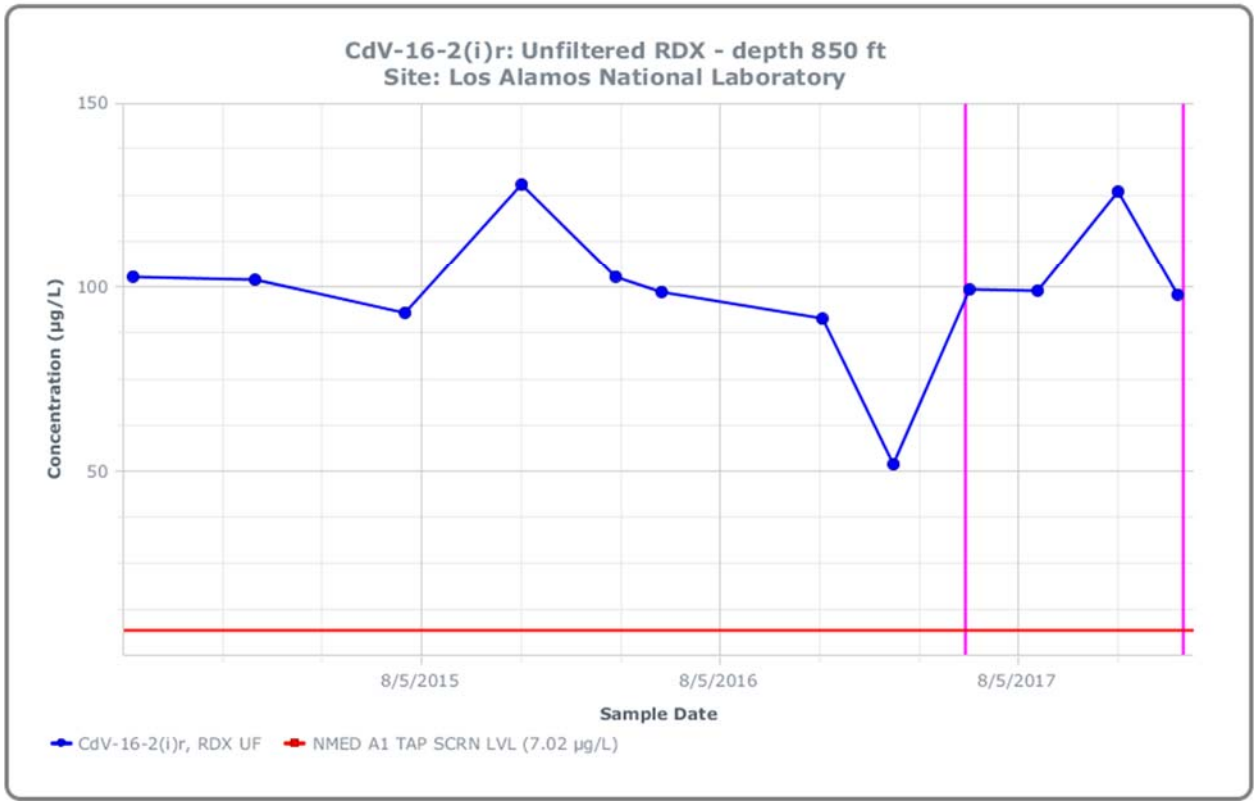

Burning Ground Spring: Unfiltered RDX - depth 0 ft
Site: Los Alamos National Laboratory
60
40
20
Concentration (µg/L)
7/26/2015
7/26/2016
7/26/2017
Sample Date
Burning Ground Spring, RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)

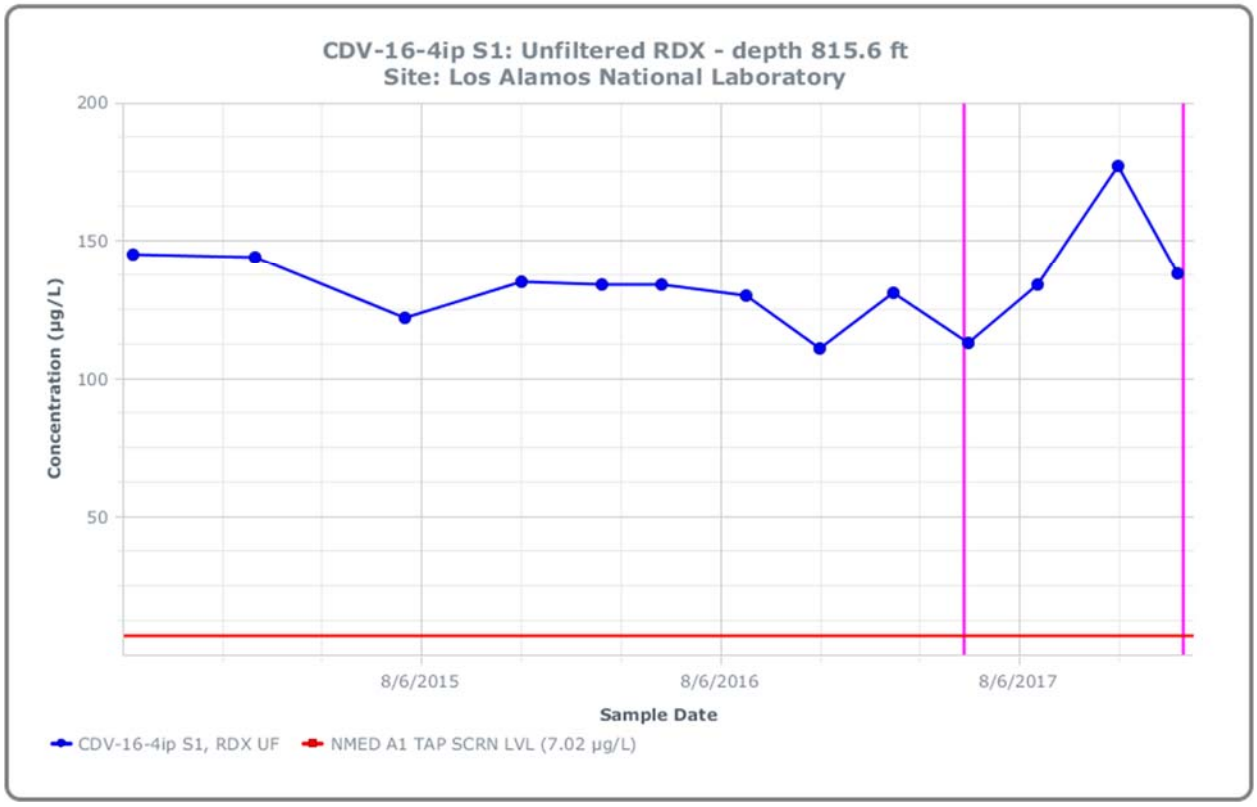

CDV-16-02656: Filtered Barium - depth 3 ft
Site: Los Alamos National Laboratory
4200
3500
2800
2100
1400
Concentration (µg/L)
7/24/2015
7/24/2016
7/24/2017
Sample Date
CDV-16-02656, Barium F
NM GW STD (1000 µg/L)

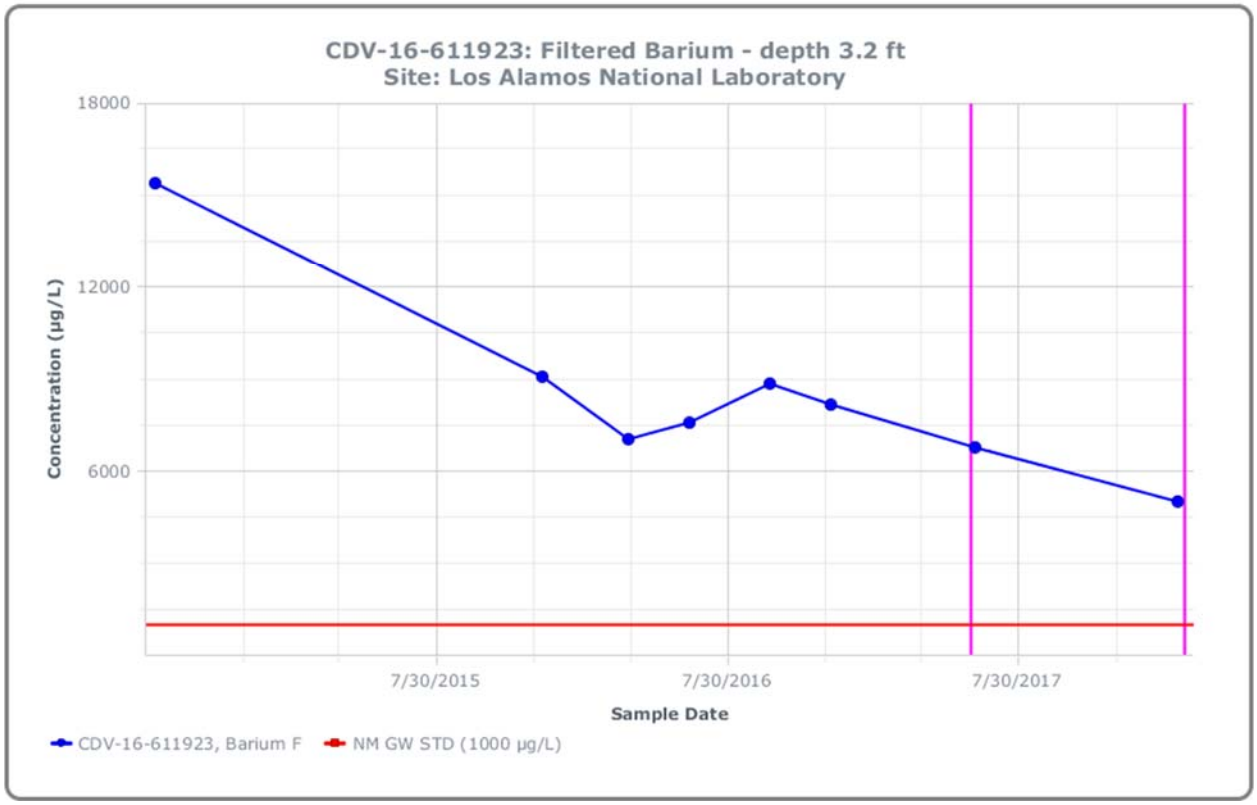

CDV-16-02659: Unfiltered RDX - depth 1.7 ft
Site: Los Alamos National Laboratory
12
8
4
Concentration (µg/L)
7/23/2015
7/23/2016
7/23/2017
Sample Date
CDV-16-02659, RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)

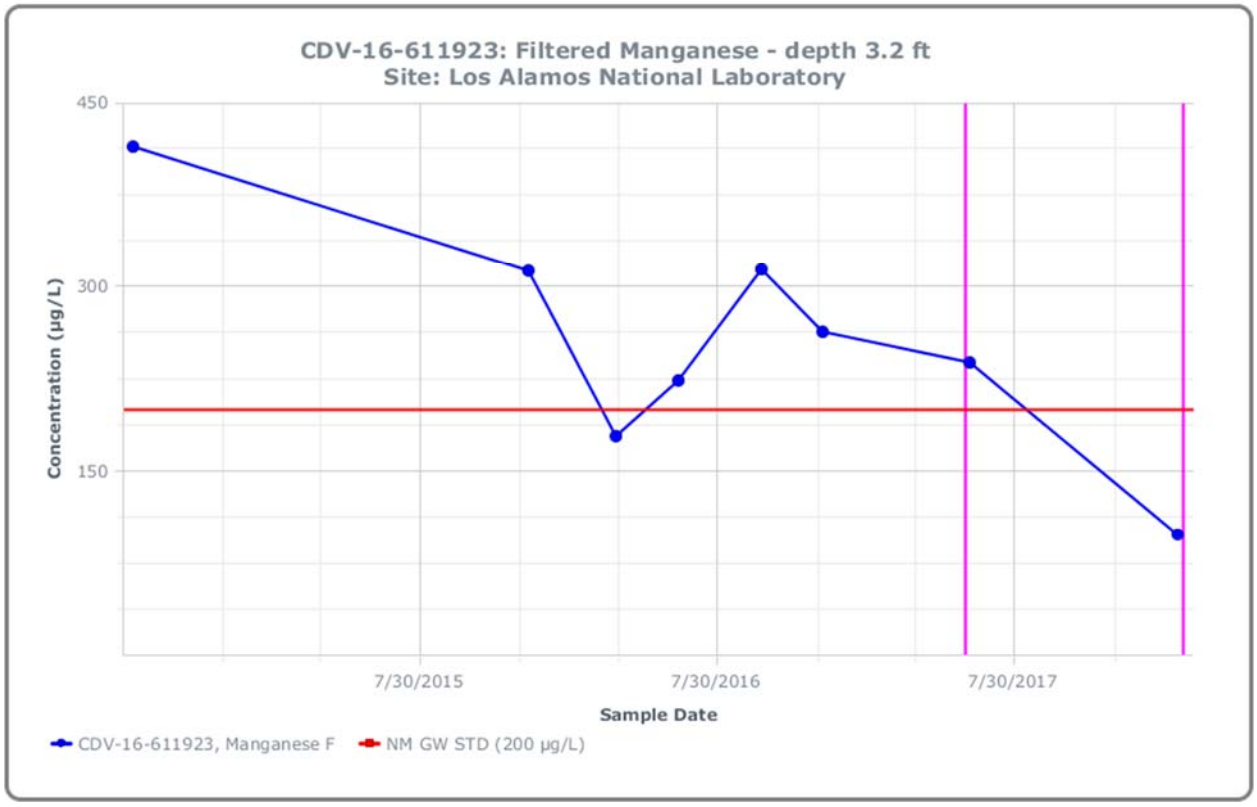

CDV-16-02659: Filtered Barium - depth 1.7 ft
Site: Los Alamos National Laboratory
10000
7500
5000
2500
Concentration (µg/L)
7/23/2015
7/23/2016
7/23/2017
Sample Date
CDV-16-02659, Barium F
NM GW STD (1000 µg/L)

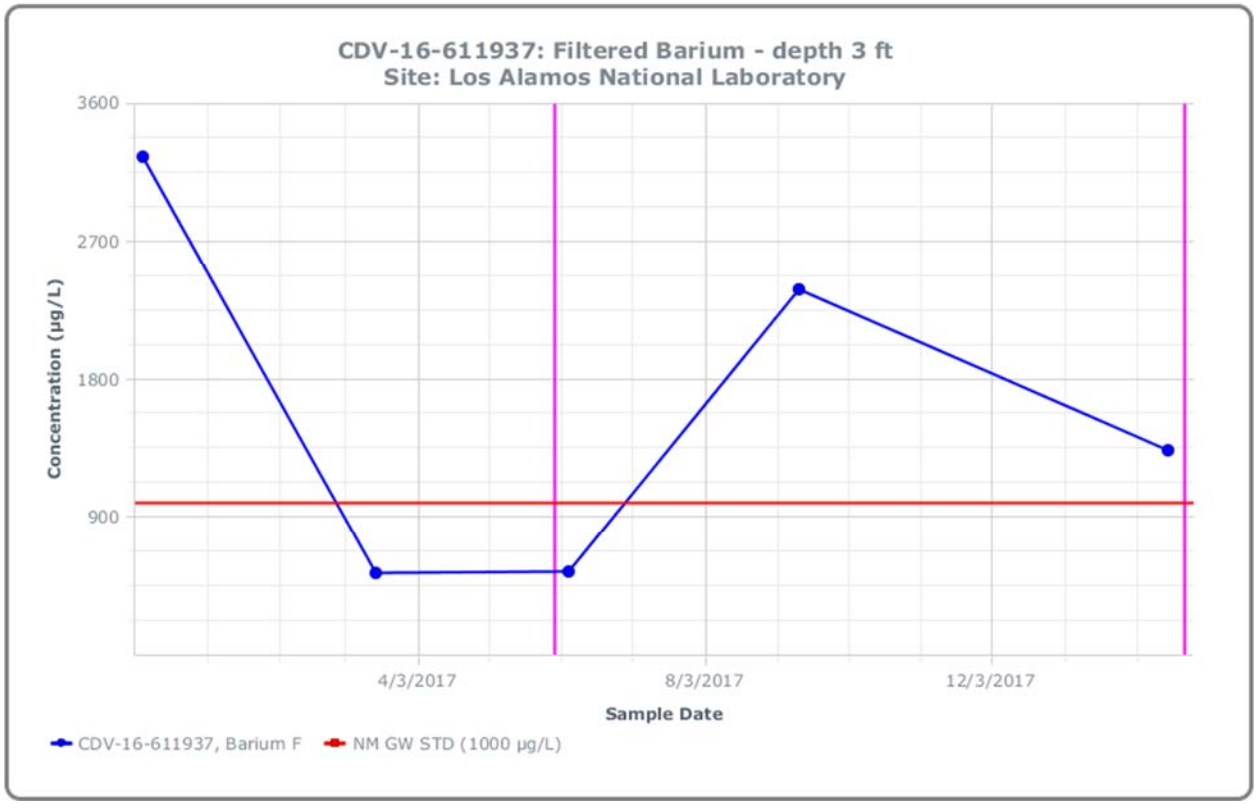

CdV-16-1(i): Unfiltered RDX - depth 624 ft
Site: Los Alamos National Laboratory
48
40
32
24
16
8
Concentration (µg/L)
8/7/2015
8/7/2016
8/7/2017
Sample Date
CdV-16-1(i), RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)

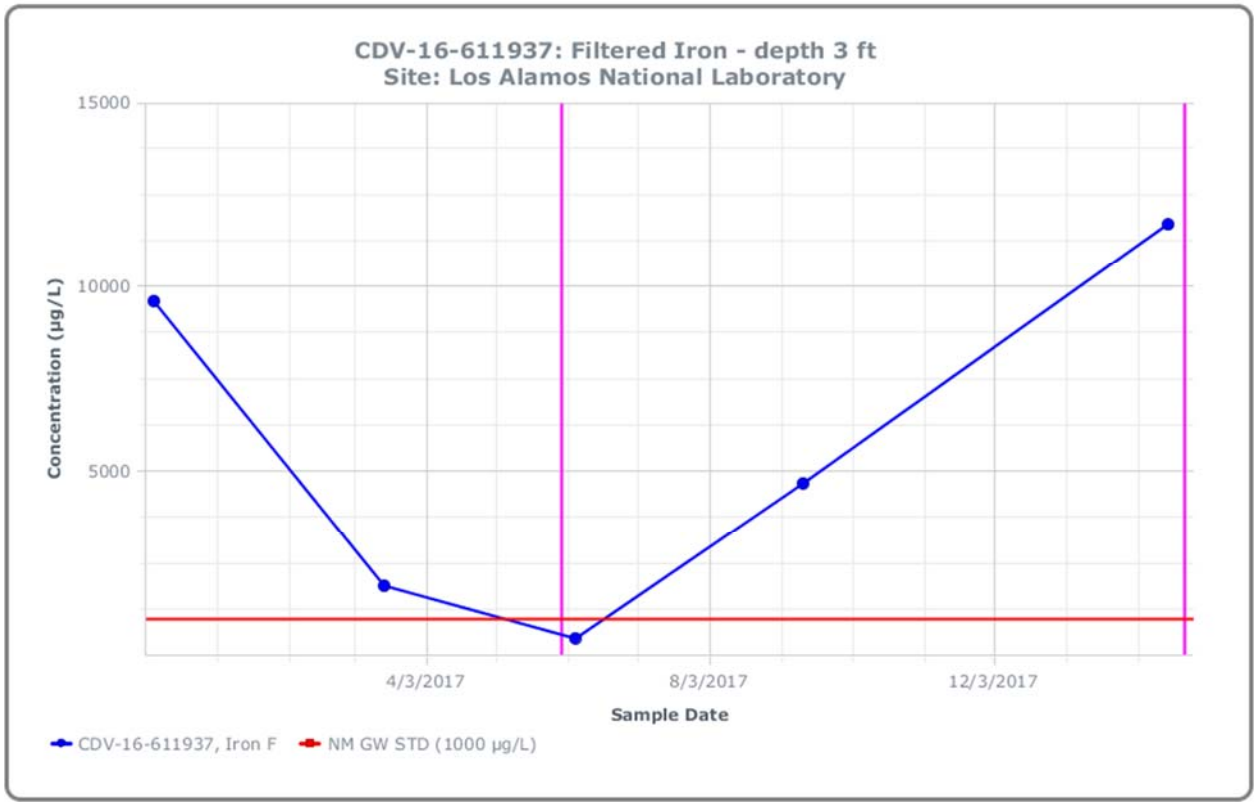

CdV-16-2(i)r: Unfiltered RDX - depth 850 ft
Site: Los Alamos National Laboratory
150
100
50
Concentration (µg/L)
8/5/2015
8/5/2016
8/5/2017
Sample Date
CdV-16-2(i)r, RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)

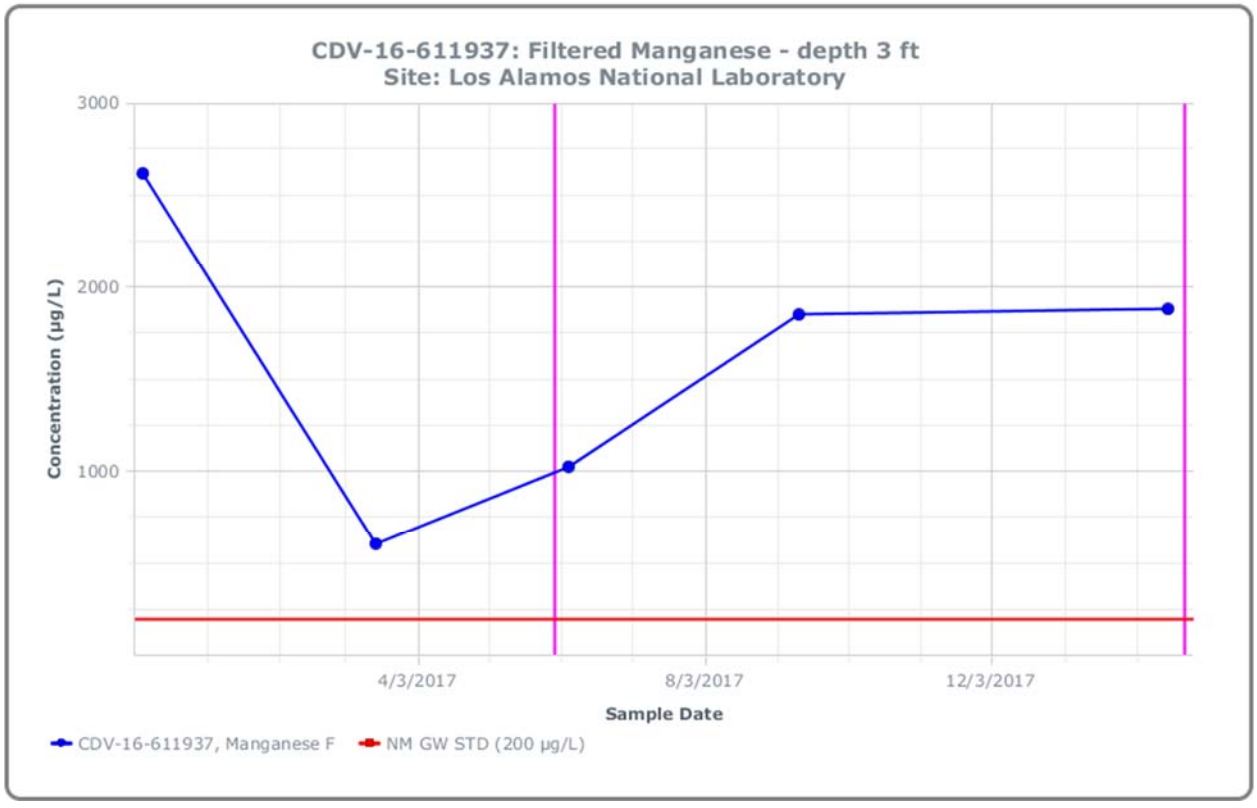

CDV-16-4ip S1: Unfiltered RDX - depth 815.6 ft
Site: Los Alamos National Laboratory
200
150
100
50
Concentration (µg/L)
8/6/2015
8/6/2016
8/6/2017
Sample Date
CDV-16-4ip S1, RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)

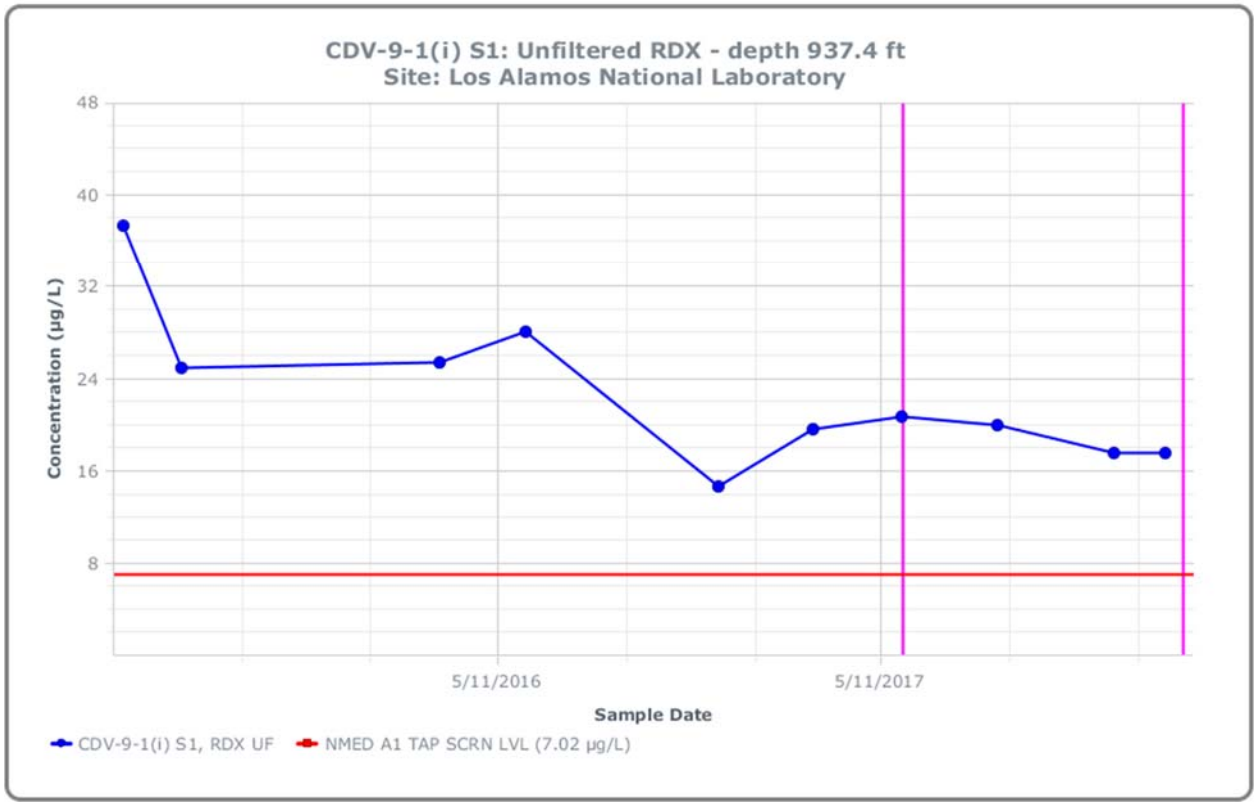

CDV-16-611923: Filtered Barium - depth 3.2 ft
Site: Los Alamos National Laboratory
18000
12000
6000
Concentration (µg/L)
7/30/2015
7/30/2016
7/30/2017
Sample Date
CDV-16-611923, Barium F
NM GW STD (1000 µg/L)

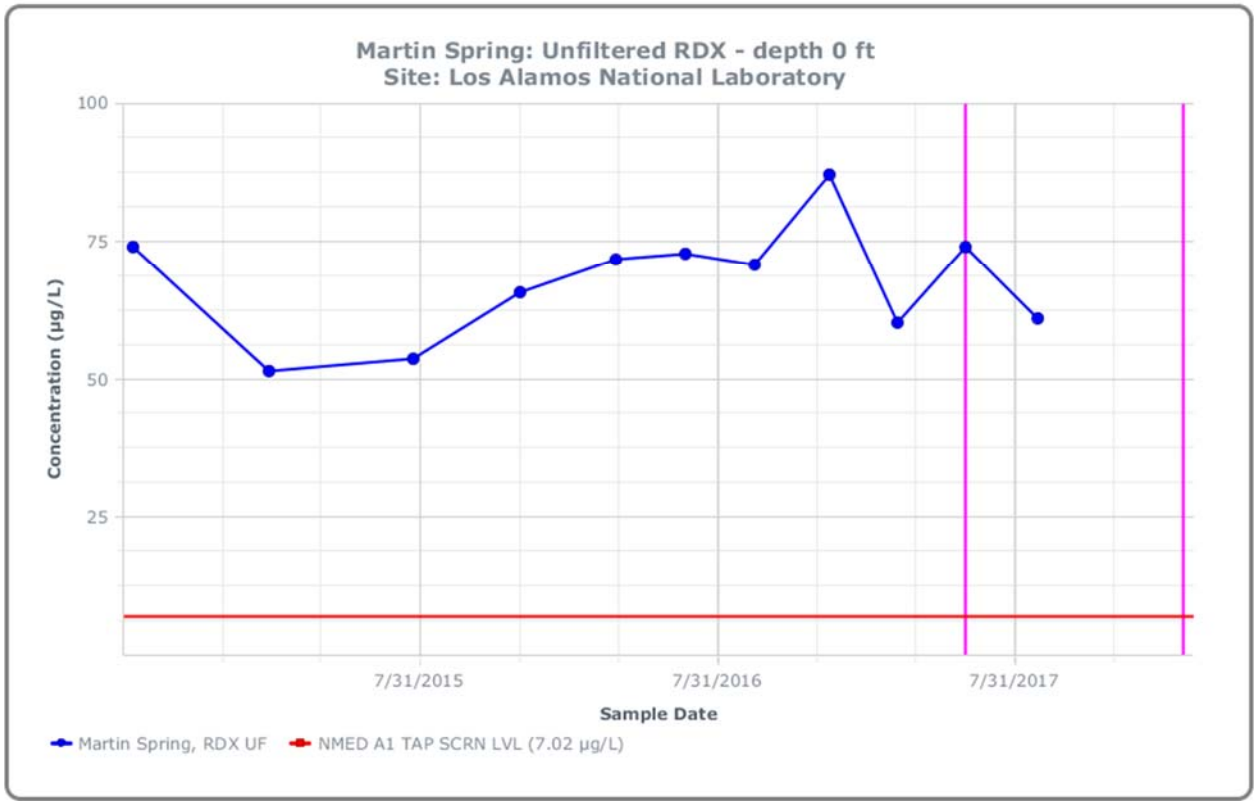

CDV-16-611923: Filtered Manganese - depth 3.2 ft
Site: Los Alamos National Laboratory
450
300
150
Concentration (µg/L)
7/30/2015
7/30/2016
7/30/2017
Sample Date
CDV-16-611923, Manganese F
NM GW STD (200 µg/L)

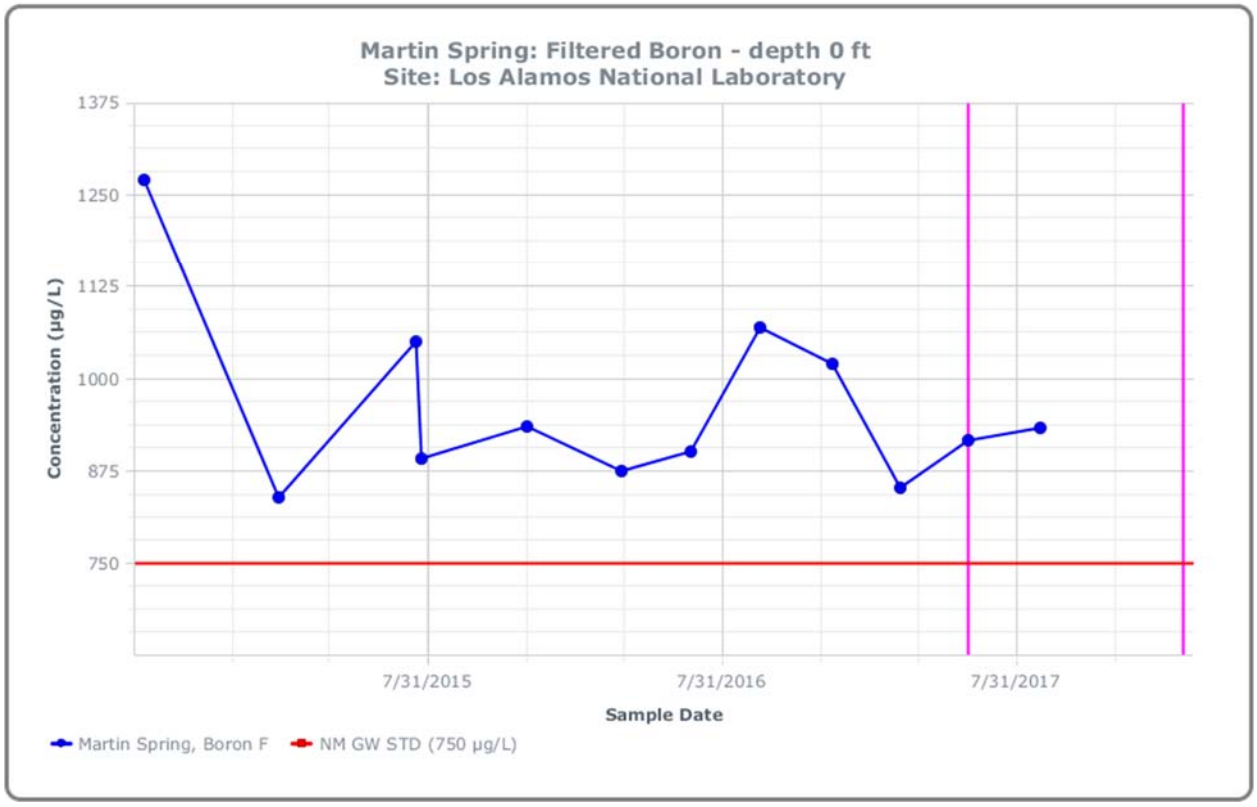

CDV-16-611937: Filtered Barium - depth 3 ft
Site: Los Alamos National Laboratory
3600
2700
1800
900
Concentration (µg/L)
4/3/2017
8/3/2017
12/3/2017
Sample Date
CDV-16-611937, Barium F
NM GW STD (1000 µg/L)

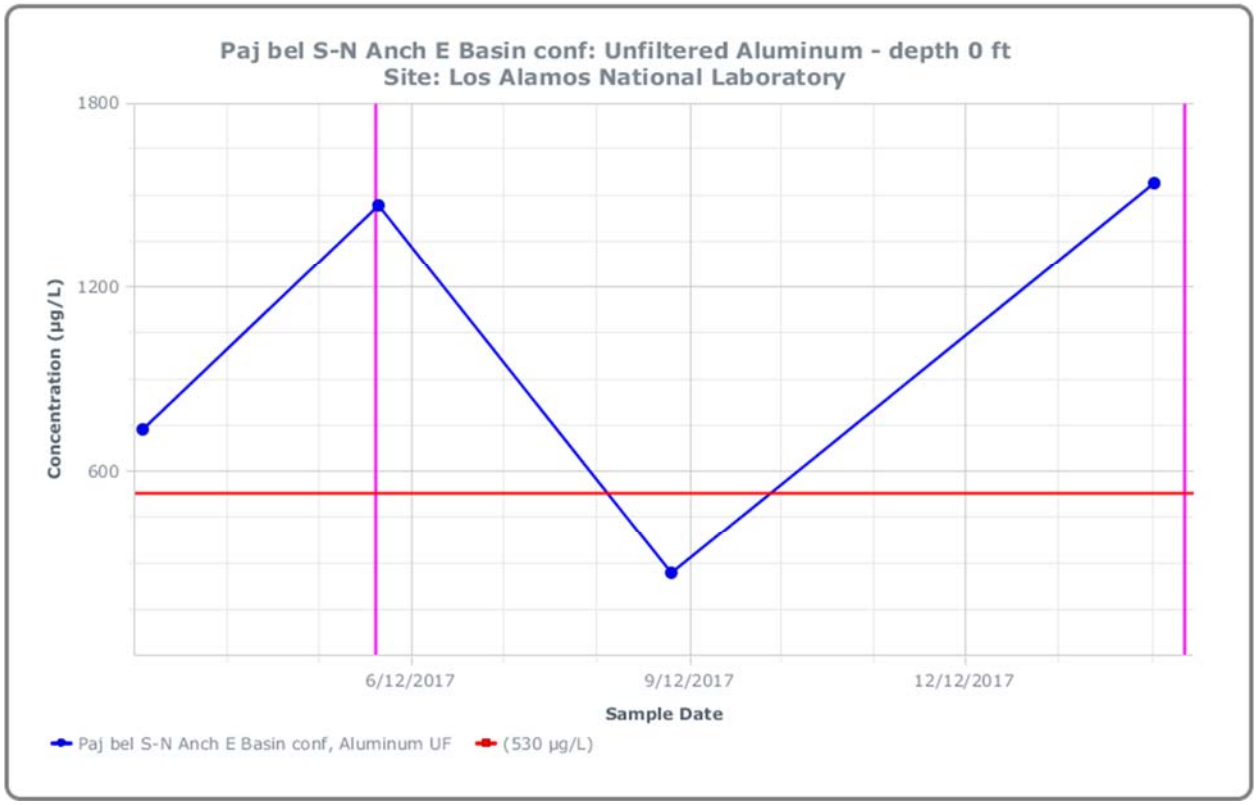

CDV-16-611937: Filtered Iron - depth 3 ft
Site: Los Alamos National Laboratory
15000
10000
5000
Concentration (µg/L)
4/3/2017
8/3/2017
12/3/2017
Sample Date
CDV-16-611937, Iron F
NM GW STD (1000 µg/L)

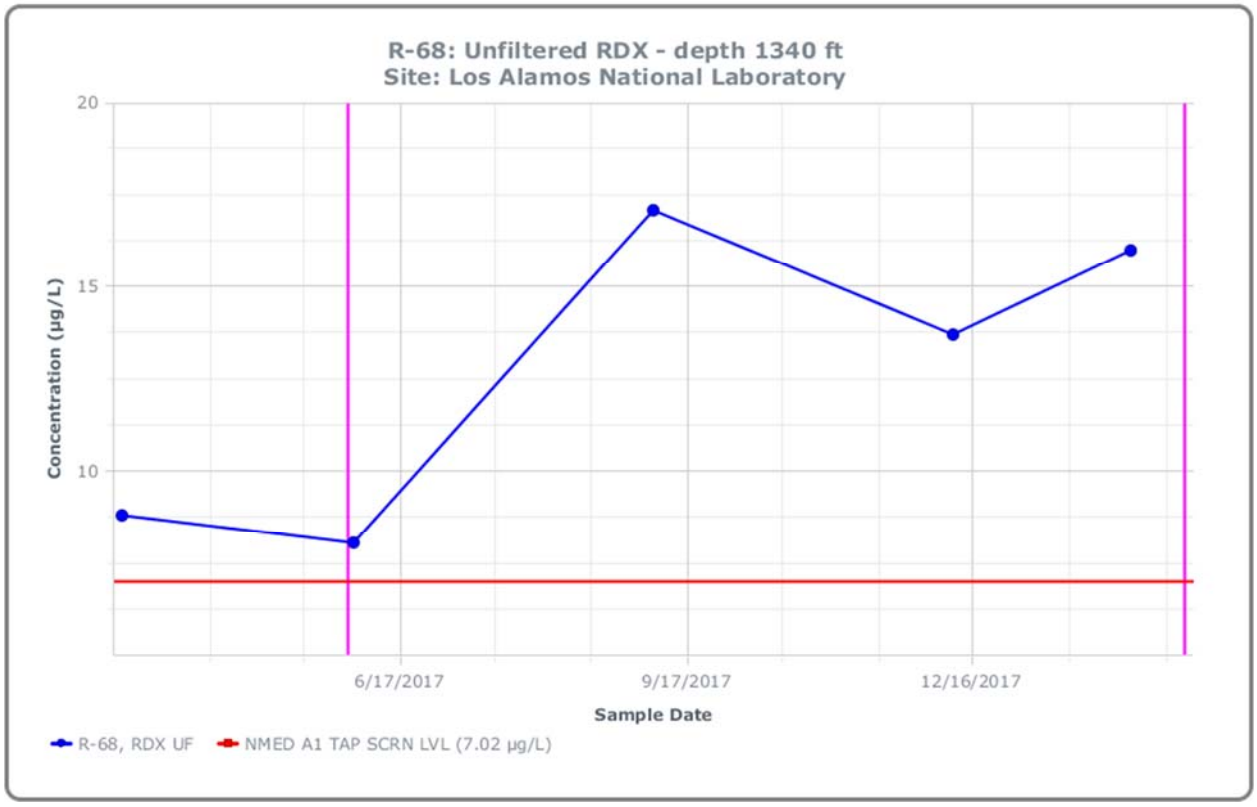

CDV-16-611937: Filtered Manganese - depth 3 ft
Site: Los Alamos National Laboratory
3000
2000
1000
Concentration (µg/L)
4/3/2017
8/3/2017
12/3/2017
Sample Date
CDV-16-611937, Manganese F
NM GW STD (200 µg/L)

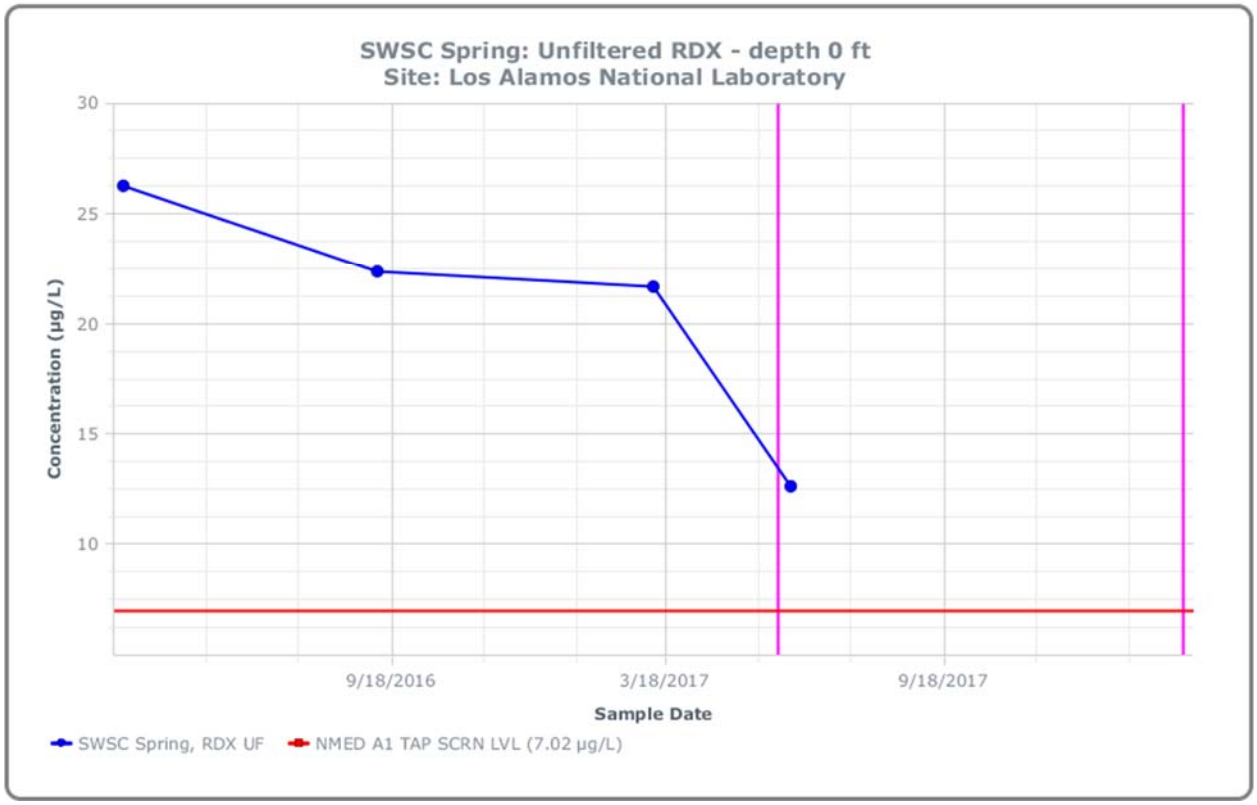

CDV-9-1(i) S1: Unfiltered RDX - depth 937.4 ft
Site: Los Alamos National Laboratory
48
40
32
24
16
8
Concentration (µg/L)
5/11/2016
5/11/2017
Sample Date
CDV-9-1(i) S1, RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)


Martin Spring: Unfiltered RDX - depth 0 ft
Site: Los Alamos National Laboratory
100
75
50
25
Concentration (µg/L)
7/31/2015
7/31/2016
7/31/2017
Sample Date
Martin Spring, RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)


Martin Spring: Filtered Boron - depth 0 ft
Site: Los Alamos National Laboratory
1375
1250
1125
1000
875
750
Concentration (µg/L)
7/31/2015
7/31/2016
7/31/2017
Sample Date
Martin Spring, Boron F
NM GW STD (750 µg/L)


Paj bel S-N Anch E Basin conf: Unfiltered Aluminum - depth 0 ft
Site: Los Alamos National Laboratory
1800
1200
600
Concentration (µg/L)
6/12/2017
9/12/2017
12/12/2017
Sample Date
Paj bel S-N Anch E Basin conf, Aluminum UF
(530 µg/L)


R-68: Unfiltered RDX - depth 1340 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
20
15
10
6/17/2017
9/17/2017
12/16/2017
Sample Date
R-68, RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)


SWSC Spring: Unfiltered RDX - depth 0 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
30
25
20
15
10
9/18/2016
3/18/2017
9/18/2017
Sample Date
SWSC Spring, RDX UF
NMED A1 TAP SCRN LVL (7.02 µg/L)

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)
2017-1633	Inorganic	GELC[a]	CAWA-17-133278	05/31/17	16-26644	130.0	145.0
2017-1633	Inorganic	GELC	CAWA-17-133306	05/31/17	16-26644	130.0	145.0
2017-1633	Inorganic	GELC	CAWA-17-133288	05/31/17	CDV-9-1(i) S1	937.4	992.4
2017-1633	Inorganic	GELC	CAWA-17-133316	05/31/17	CDV-9-1(i) S1	937.4	992.4
2017-1633	Organic	GELC	CAWA-17-133278	05/31/17	16-26644	130.0	145.0
2017-1633	Organic	GELC	CAWA-17-133288	05/31/17	CDV-9-1(i) S1	937.4	992.4
2017-1644	Inorganic	GELC	CAPA-17-133353	06/01/17	Bulldog Spring	—[b]	—
2017-1644	Inorganic	GELC	CAPA-17-133355	06/01/17	Bulldog Spring	—	—
2017-1644	Inorganic	GELC	CAWA-17-133290	06/01/17	Martin Spring	—	—
2017-1644	Inorganic	GELC	CAWA-17-133318	06/01/17	Martin Spring	—	—
2017-1644	Inorganic	GELC	CAPA-17-133357	06/01/17	Paj bel S-N Anch E Basin conf	—	—
2017-1644	Inorganic	GELC	CAPA-17-133358	06/01/17	Paj bel S-N Anch E Basin conf	—	—
2017-1644	Organic	GELC	CAPA-17-133355	06/01/17	Bulldog Spring	—	—
2017-1644	Organic	GELC	CAWA-17-133290	06/01/17	Martin Spring	—	—
2017-1644	Organic	GELC	CAPA-17-133357	06/01/17	Paj bel S-N Anch E Basin conf	—	—
2017-1645	Inorganic	GELC	CAPA-17-133354	06/01/17	R-18	1358.0	1381.0
2017-1645	Inorganic	GELC	CAPA-17-133356	06/01/17	R-18	1358.0	1381.0
2017-1645	Organic	GELC	CAPA-17-133356	06/01/17	R-18	1358.0	1381.0
2017-1647	Inorganic	GELC	CAWA-17-133352	06/02/17	Canon de Valle below MDA P	—	—
2017-1647	Inorganic	GELC	CAWA-17-134176	06/02/17	Canon de Valle below MDA P	—	—
2017-1647	Inorganic	GELC	CAWA-17-133281	06/02/17	CDV-16-02656	3.0	8.0
2017-1647	Inorganic	GELC	CAWA-17-133309	06/02/17	CDV-16-02656	3.0	8.0
2017-1647	Organic	GELC	CAWA-17-133352	06/02/17	Canon de Valle below MDA P	—	—
2017-1647	Organic	GELC	CAWA-17-133281	06/02/17	CDV-16-02656	3.0	8.0
2017-1648	Inorganic	GELC	CAWA-17-134190	06/02/17	R-68	1340.0	1360.4
2017-1648	Organic	GELC	CAWA-17-134190	06/02/17	R-68	1340.0	1360.4
2017-1649	Inorganic	GELC	CAWA-17-133332	06/02/17	R-68	1340.0	1360.4
2017-1649	Inorganic	GELC	CAWA-17-134190	06/02/17	R-68	1340.0	1360.4
2017-1649	Organic	GELC	CAWA-17-134190	06/02/17	R-68	1340.0	1360.4
2017-1649	Rad[c]	GELC	CAWA-17-134190	06/02/17	R-68	1340.0	1360.4
2017-1652	Inorganic	CFA[d]	CAWA-17-134190	06/02/17	R-68	1340.0	1360.4
2017-1652	Organic	CFA	CAWA-17-134190	06/02/17	R-68	1340.0	1360.4
2017-1657	Inorganic	GELC	CAWA-17-133301	06/05/17	R-48	1500.0	1520.6

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-1657	Inorganic	GELC	CAWA-17-133329	06/05/17	R-48	1500.0	1520.6
2017-1657	Organic	GELC	CAWA-17-133301	06/05/17	R-48	1500.0	1520.6
2017-1664	Inorganic	GELC	CAWA-17-133286	06/06/17	CDV-16-611923	3.2	8.2
2017-1664	Inorganic	GELC	CAWA-17-133314	06/06/17	CDV-16-611923	3.2	8.2
2017-1664	Inorganic	GELC	CAWA-17-133287	06/06/17	CDV-16-611937	3.0	8.0
2017-1664	Inorganic	GELC	CAWA-17-133315	06/06/17	CDV-16-611937	3.0	8.0
2017-1664	Organic	GELC	CAWA-17-133286	06/06/17	CDV-16-611923	3.2	8.2
2017-1664	Organic	GELC	CAWA-17-133287	06/06/17	CDV-16-611937	3.0	8.0
2017-1667	Inorganic	GELC	CAWA-17-133284	06/06/17	CdV-16-2(i)r	850.0	859.7
2017-1667	Inorganic	GELC	CAWA-17-133312	06/06/17	CdV-16-2(i)r	850.0	859.7
2017-1667	Inorganic	GELC	CAWA-17-133285	06/06/17	CDV-16-4ip S1	815.6	879.2
2017-1667	Inorganic	GELC	CAWA-17-133313	06/06/17	CDV-16-4ip S1	815.6	879.2
2017-1667	Organic	GELC	CAWA-17-133284	06/06/17	CdV-16-2(i)r	850.0	859.7
2017-1667	Organic	GELC	CAWA-17-133285	06/06/17	CDV-16-4ip S1	815.6	879.2
2017-1689	Inorganic	GELC	CAWA-17-133347	06/07/17	Between E252 and Water at Beta	—	—
2017-1689	Inorganic	GELC	CAWA-17-133348	06/07/17	Between E252 and Water at Beta	—	—
2017-1689	Organic	GELC	CAWA-17-133348	06/07/17	Between E252 and Water at Beta	—	—
2017-1690	Inorganic	GELC	CAWA-17-133298	06/07/17	R-26 PZ-2	150.0	180.0
2017-1690	Inorganic	GELC	CAWA-17-133326	06/07/17	R-26 PZ-2	150.0	180.0
2017-1690	Organic	GELC	CAWA-17-133298	06/07/17	R-26 PZ-2	150.0	180.0
2017-1691	Rad	ARSL[e]	CAWA-17-134190	06/02/17	R-68	1340.0	1360.4
2017-1716	Inorganic	GELC	CAWA-17-133302	06/08/17	R-58	1257	1277.3
2017-1716	Inorganic	GELC	CAWA-17-133330	06/08/17	R-58	1257	1277.3
2017-1716	Inorganic	GELC	CAWA-17-135753	06/08/17	R-58	1257	1277.3
2017-1716	Organic	GELC	CAWA-17-133302	06/08/17	R-58	1257	1277.3
2017-1716	Organic	GELC	CAWA-17-135753	06/08/17	R-58	1257	1277.3
2017-1720	Inorganic	GELC	CAWA-17-133280	06/09/17	Burning Ground Spring	—	—
2017-1720	Inorganic	GELC	CAWA-17-133308	06/09/17	Burning Ground Spring	—	—
2017-1720	Inorganic	GELC	CAWA-17-133305	06/09/17	SWSC Spring	—	—
2017-1720	Inorganic	GELC	CAWA-17-133333	06/09/17	SWSC Spring	—	—
2017-1720	Inorganic	GELC	CAWA-17-133349	06/09/17	Water at Beta	—	—
2017-1720	Inorganic	GELC	CAWA-17-133350	06/09/17	Water at Beta	—	—
2017-1720	Organic	GELC	CAWA-17-133280	06/09/17	Burning Ground Spring	—	—
2017-1720	Organic	GELC	CAWA-17-133305	06/09/17	SWSC Spring	—	—
2017-1720	Organic	GELC	CAWA-17-133350	06/09/17	Water at Beta	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-1734	Inorganic	GELC	CAWA-17-133279	06/12/17	16-61439	—	—
2017-1734	Inorganic	GELC	CAWA-17-133307	06/12/17	16-61439	—	—
2017-1734	Inorganic	GELC	CAWA-17-133283	06/12/17	CdV-16-1(i)	624.0	634.0
2017-1734	Inorganic	GELC	CAWA-17-133311	06/12/17	CdV-16-1(i)	624.0	634.0
2017-1734	Organic	GELC	CAWA-17-133279	06/12/17	16-61439	—	—
2017-1734	Organic	GELC	CAWA-17-133283	06/12/17	CdV-16-1(i)	624.0	634.0
2017-1748	Inorganic	GELC	CAWA-17-133299	06/13/17	R-47	—	—
2017-1748	Inorganic	GELC	CAWA-17-133327	06/13/17	R-47	—	—
2017-1748	Organic	GELC	CAWA-17-133299	06/13/17	R-47	—	—
2017-1759	Inorganic	GELC	CAWA-17-133303	06/14/17	R-63	1325.0	1345.3
2017-1759	Inorganic	GELC	CAWA-17-133331	06/14/17	R-63	1325.0	1345—.3
2017-1759	Organic	GELC	CAWA-17-133303	06/14/17	R-63	1325.0	1345.3
2017-1760	Inorganic	GELC	CAWA-17-133300	06/14/17	R-47i	840.0	860.6
2017-1760	Inorganic	GELC	CAWA-17-133328	06/14/17	R-47i	840.0	860.6
2017-1760	Organic	GELC	CAWA-17-133300	06/14/17	R-47i	840.0	860.6
2017-1768	Inorganic	GELC	CAWA-17-133282	06/15/17	CDV-16-02659	1.7	6.7
2017-1768	Inorganic	GELC	CAWA-17-133310	06/15/17	CDV-16-02659	1.7	6.7
2017-1768	Organic	GELC	CAWA-17-133282	06/15/17	CDV-16-02659	1.7	6.7
2017-2608	Inorganic	GELC	CAPA-17-142931	08/29/17	Bulldog Spring	—	—
2017-2608	Inorganic	GELC	CAPA-17-142933	08/29/17	Bulldog Spring	—	—
2017-2608	Inorganic	GELC	CAWA-17-142870	08/29/17	Martin Spring	—	—
2017-2608	Inorganic	GELC	CAWA-17-142905	08/29/17	Martin Spring	—	—
2017-2608	Organic	GELC	CAPA-17-142933	08/29/17	Bulldog Spring	—	—
2017-2608	Organic	GELC	CAWA-17-142905	08/29/17	Martin Spring	—	—
2017-2615	Inorganic	GELC	CAWA-17-142862	08/29/17	CdV-16-2(i)r	850.0	859.7
2017-2615	Inorganic	GELC	CAWA-17-142897	08/29/17	CdV-16-2(i)r	850.0	859.7
2017-2615	Inorganic	GELC	CAWA-17-142863	08/29/17	CDV-16-4ip S1	815.6	879.2
2017-2615	Inorganic	GELC	CAWA-17-142898	08/29/17	CDV-16-4ip S1	815.6	879.2
2017-2615	Organic	GELC	CAWA-17-142897	08/29/17	CdV-16-2(i)r	850.0	859.7
2017-2615	Organic	GELC	CAWA-17-142898	08/29/17	CDV-16-4ip S1	815.6	879.2
2017-2637	Rad	ARSL	CAWA-17-142902	08/30/17	CDV-9-1(i) S1	937.4	992.4
2017-2640	Inorganic	GELC	CAWA-17-142867	08/30/17	CDV-9-1(i) S1	937.4	992.4
2017-2640	Inorganic	GELC	CAWA-17-142902	08/30/17	CDV-9-1(i) S1	937.4	992.4
2017-2640	Organic	GELC	CAWA-17-142902	08/30/17	CDV-9-1(i) S1	937.4	992.4
2017-2651	Inorganic	GELC	CAWA-17-142880	08/30/17	R-26 PZ-2	150.0	180.0
2017-2651	Inorganic	GELC	CAWA-17-142915	08/30/17	R-26 PZ-2	150.0	180.0
2017-2651	Organic	GELC	CAWA-17-142915	08/30/17	R-26 PZ-2	150.0	180.0
2017-2664	Inorganic	GELC	CAWA-17-142854	08/31/17	16-26644	—	—
2017-2664	Inorganic	GELC	CAWA-17-142889	08/31/17	16-26644	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-2664	Inorganic	GELC	CAPA-17-142932	08/31/17	R-18	1358.0	1381.0
2017-2664	Inorganic	GELC	CAPA-17-142934	08/31/17	R-18	1358.0	1381.0
2017-2664	Inorganic	GELC	CAWA-17-142881	08/31/17	R-26 S1	651.8	669.9
2017-2664	Inorganic	GELC	CAWA-17-142916	08/31/17	R-26 S1	651.8	669.9
2017-2664	Organic	GELC	CAWA-17-142889	08/31/17	16-26644	130.0	145.0
2017-2664	Organic	GELC	CAPA-17-142934	08/31/17	R-18	1358.0	1381.0
2017-2664	Organic	GELC	CAWA-17-142916	08/31/17	R-26 S1	651.8	669.9
2017-2679	Inorganic	GELC	CAWA-17-142857	09/01/17	Burning Ground Spring	—	—
2017-2679	Inorganic	GELC	CAWA-17-142892	09/01/17	Burning Ground Spring	—	—
2017-2679	Organic	GELC	CAWA-17-142892	09/01/17	Burning Ground Spring	—	—
2017-2680	Inorganic	GELC	CAWA-17-142859	09/01/17	CDV-16-02656	3.0	8.0
2017-2680	Inorganic	GELC	CAWA-17-142894	09/01/17	CDV-16-02656	3.0	8.0
2017-2680	Organic	GELC	CAWA-17-142894	09/01/17	CDV-16-02656	3.0	8.0
2017-2692	Inorganic	GELC	CAWA-17-142885	09/05/17	R-48	1500.0	1520.6
2017-2692	Inorganic	GELC	CAWA-17-142920	09/05/17	R-48	1500.0	1520.6
2017-2692	Organic	GELC	CAWA-17-142920	09/05/17	R-48	1500.0	1520.6
2017-2693	Inorganic	GELC	CAWA-17-142886	09/05/17	R-58	1257	1277.3
2017-2693	Inorganic	GELC	CAWA-17-142921	09/05/17	R-58	1257	1277.3
2017-2693	Organic	GELC	CAWA-17-142921	09/05/17	R-58	1257	1277.3
2017-2708	Inorganic	GELC	CAPA-17-142952	09/06/17	Paj bel S-N Anch E Basin conf	—	—
2017-2708	Inorganic	GELC	CAPA-17-142953	09/06/17	Paj bel S-N Anch E Basin conf	—	—
2017-2708	Inorganic	GELC	CAWA-17-143057	09/06/17	R-68	1340.0	1360.4
2017-2708	Inorganic	GELC	CAWA-17-143059	09/06/17	R-68	1340.0	1360.4
2017-2708	Organic	GELC	CAPA-17-142953	09/06/17	Paj bel S-N Anch E Basin conf	—	—
2017-2708	Organic	GELC	CAWA-17-143059	09/06/17	R-68	1340.0	1360.4
2017-2708	Rad	GELC	CAWA-17-143059	09/06/17	R-68	1340.0	1360.4
2017-2712	Inorganic	CFA	CAWA-17-143059	09/06/17	R-68	1340.0	1360.4
2017-2712	Organic	CFA	CAWA-17-143059	09/06/17	R-68	1340.0	1360.4
2017-2716	Rad	ARSL	CAWA-17-142921	09/05/17	R-58	1257	1277.3
2017-2716	Rad	ARSL	CAWA-17-143059	09/06/17	R-68	1340.0	1360.4
2017-2729	Inorganic	GELC	CAWA-17-142856	09/07/17	Between E252 and Water at Beta	—	—
2017-2729	Inorganic	GELC	CAWA-17-142891	09/07/17	Between E252 and Water at Beta	—	—
2017-2729	Organic	GELC	CAWA-17-142891	09/07/17	Between E252 and Water at Beta	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-2733	Inorganic	GELC	CAWA-17-142866	09/08/17	CDV-37-1(i)	632.0	652.5
2017-2733	Inorganic	GELC	CAWA-17-142901	09/08/17	CDV-37-1(i)	632.0	652.5
2017-2733	Organic	GELC	CAWA-17-142901	09/08/17	CDV-37-1(i)	632.0	652.5
2017-2751	Inorganic	GELC	CAWA-17-142887	09/11/17	R-63	1325.0	1345.3
2017-2751	Inorganic	GELC	CAWA-17-142922	09/11/17	R-63	1325.0	1345.3
2017-2751	Organic	GELC	CAWA-17-142922	09/11/17	R-63	1325.0	1345.3
2017-2760	Inorganic	GELC	CAWA-17-142865	09/12/17	CDV-16-611937	3.0	8.0
2017-2760	Inorganic	GELC	CAWA-17-142900	09/12/17	CDV-16-611937	3.0	8.0
2017-2760	Organic	GELC	CAWA-17-142900	09/12/17	CDV-16-611937	3.0	8.0
2017-2776	Inorganic	GELC	CAWA-17-142883	09/13/17	R-47	1322.0	1343.3
2017-2776	Inorganic	GELC	CAWA-17-142918	09/13/17	R-47	1322.0	1343.3
2017-2776	Organic	GELC	CAWA-17-142918	09/13/17	R-47	1322.0	1343.3
2017-2777	Inorganic	GELC	CAWA-17-142884	09/13/17	R-47i	840.0	860.6
2017-2777	Inorganic	GELC	CAWA-17-142919	09/13/17	R-47i	840.0	860.6
2017-2777	Organic	GELC	CAWA-17-142919	09/13/17	R-47i	840.0	860.6
2017-2809	Inorganic	GELC	CAWA-17-142860	09/14/17	CDV-16-02659	1.7	6.7
2017-2809	Inorganic	GELC	CAWA-17-142895	09/14/17	CDV-16-02659	1.7	6.7
2017-2809	Inorganic	GELC	CAWA-17-142868	09/14/17	CdV-R-15-3 S4	1235.1	1278.9
2017-2809	Inorganic	GELC	CAWA-17-142903	09/14/17	CdV-R-15-3 S4	1235.1	1278.9
2017-2809	Organic	GELC	CAWA-17-142895	09/14/17	CDV-16-02659	1.7	6.7
2017-2809	Organic	GELC	CAWA-17-142903	09/14/17	CdV-R-15-3 S4	1235.1	1278.9
2017-2827	Inorganic	GELC	CAWA-17-142855	09/15/17	16-61439	—	—
2017-2827	Inorganic	GELC	CAWA-17-142890	09/15/17	16-61439	—	—
2017-2827	Inorganic	GELC	CAWA-17-142861	09/15/17	CdV-16-1(i)	624.0	634.0
2017-2827	Inorganic	GELC	CAWA-17-142896	09/15/17	CdV-16-1(i)	624.0	634.0
2017-2827	Organic	GELC	CAWA-17-142890	09/15/17	16-61439	—	—
2017-2827	Organic	GELC	CAWA-17-142896	09/15/17	CdV-16-1(i)	624.0	634.0
2017-2874	Rad	ARSL	CAWA-17-142918	09/13/17	R-47	1322.0	1343.3
2018-1201	Inorganic	GELC	CAWA-18-148901	12/06/17	16-26644	130.0	145.0
2018-1201	Inorganic	GELC	CAWA-18-148912	12/06/17	R-48	1500.0	1520.6
2018-1201	Inorganic	GELC	CAWA-18-148915	12/06/17	R-58	1257	1277.3
2018-1201	Inorganic	GELC	CAWA-18-148916	12/06/17	R-58	1257	1277.3
2018-1201	Organic	GELC	CAWA-18-148901	12/06/17	16-26644	130.0	145.0
2018-1201	Organic	GELC	CAWA-18-148912	12/06/17	R-48	1500.0	1520.6
2018-1201	Organic	GELC	CAWA-18-148915	12/06/17	R-58	1257	1277.3
2018-1203	Inorganic	GELC	CAWA-18-148903	12/05/17	CdV-16-2(i)r	850.0	859.7
2018-1203	Inorganic	GELC	CAWA-18-148904	12/05/17	CDV-16-4ip S1	815.6	879.2
2018-1203	Inorganic	GELC	CAWA-18-148913	12/05/17	R-63	1325.0	1345.3
2018-1203	Organic	GELC	CAWA-18-148903	12/05/17	CdV-16-2(i)r	850.0	859.7

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2018-1203	Organic	GELC	CAWA-18-148904	12/05/17	CDV-16-4ip S1	815.6	879.2
2018-1203	Organic	GELC	CAWA-18-148913	12/05/17	R-63	1325.0	1345.3
2018-1223	Inorganic	GELC	CAWA-18-148902	12/08/17	CdV-16-1(i)	624.0	634.0
2018-1223	Organic	GELC	CAWA-18-148902	12/08/17	CdV-16-1(i)	624.0	634.0
2018-1240	Inorganic	GELC	CAWA-18-148918	12/11/17	R-68	1340.0	1360.4
2018-1240	Inorganic	GELC	CAWA-18-150418	12/11/17	R-68	1340.0	1360.4
2018-1240	Organic	GELC	CAWA-18-148918	12/11/17	R-68	1340.0	1360.4
2018-1240	Rad	GELC	CAWA-18-148918	12/11/17	R-68	1340.0	1360.4
2018-1241	Inorganic	GELC	CAWA-18-148914	12/11/17	R-47	1322.0	1343.3
2018-1241	Organic	GELC	CAWA-18-148914	12/11/17	R-47	1322.0	1343.3
2018-1242	Inorganic	CFA	CAWA-18-148918	12/11/17	R-68	1340.0	1360.4
2018-1242	Organic	CFA	CAWA-18-148918	12/11/17	R-68	1340.0	1360.4
2018-1275	Rad	ARSL	CAWA-18-148918	12/11/17	R-68	1340.0	1360.4
2018-1294	Inorganic	GELC	CAPA-18-148934	12/15/17	R-18	1358.0	1381.0
2018-1294	Inorganic	GELC	CAWA-18-148911	12/15/17	R-47i	840.0	860.6
2018-1294	Organic	GELC	CAPA-18-148934	12/15/17	R-18	1358.0	1381.0
2018-1294	Organic	GELC	CAWA-18-148911	12/15/17	R-47i	840.0	860.6
2018-1332	Inorganic	GELC	CAWA-18-148905	12/19/17	CDV-9-1(i) S1	937.4	992.4
2018-1332	Organic	GELC	CAWA-18-148905	12/19/17	CDV-9-1(i) S1	937.4	992.4
2018-1613	Inorganic	GELC	CAWA-18-80	02/06/18	R-68	1340.0	1360.4
2018-1613	Inorganic	GELC	CAWA-18-81	02/06/18	R-68	1340.0	1360.4
2018-1613	Organic	GELC	CAWA-18-81	02/06/18	R-68	1340.0	1360.4
2018-1613	Rad	GELC	CAWA-18-81	02/06/18	R-68	1340.0	1360.4
2018-1613-ARS	Rad	ARSL	CAWA-18-81	02/06/18	R-68	1340.0	1360.4
2018-1615	Inorganic	GELC	CAWA-18-33	02/06/18	CDV-9-1(i) S1	937.4	992.4
2018-1615	Inorganic	GELC	CAWA-18-34	02/06/18	CDV-9-1(i) S1	937.4	992.4
2018-1615	Organic	GELC	CAWA-18-34	02/06/18	CDV-9-1(i) S1	937.4	992.4
2018-1615	Rad	GELC	CAWA-18-34	02/06/18	CDV-9-1(i) S1	937.4	992.4
2018-1615-ARS	Rad	ARSL	CAWA-18-34	02/06/18	CDV-9-1(i) S1	937.4	992.4
2018-1615-CF	Inorganic	CFA	CAWA-18-34	02/06/18	CDV-9-1(i) S1	937.4	992.4
2018-1615-CF	Organic	CFA	CAWA-18-34	02/06/18	CDV-9-1(i) S1	937.4	992.4
2018-1639	Inorganic	GELC	CAWA-18-71	02/07/18	R-48	1500.0	1520.6
2018-1639	Inorganic	GELC	CAWA-18-72	02/07/18	R-48	1500.0	1520.6
2018-1639	Inorganic	GELC	CAWA-18-74	02/07/18	R-58	1257	1277.3
2018-1639	Inorganic	GELC	CAWA-18-75	02/07/18	R-58	1257	1277.3
2018-1639	Inorganic	GELC	CAWA-18-77	02/07/18	R-63	1325.0	1345.3
2018-1639	Inorganic	GELC	CAWA-18-78	02/07/18	R-63	1325.0	1345.3
2018-1639	Organic	GELC	CAWA-18-72	02/07/18	R-48	1500.0	1520.6
2018-1639	Organic	GELC	CAWA-18-75	02/07/18	R-58	1257	1277.3

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2018-1639	Organic	GELC	CAWA-18-78	02/07/18	R-63	1325.0	1345.3
2018-1639	Rad	GELC	CAWA-18-72	02/07/18	R-48	1500.0	1520.6
2018-1639	Rad	GELC	CAWA-18-75	02/07/18	R-58	1257	1277.3
2018-1639	Rad	GELC	CAWA-18-78	02/07/18	R-63	1325.0	1345.3
2018-1648	Rad	ARSL	CAWA-18-72	02/07/18	R-48	1500.0	1520.6
2018-1648	Rad	ARSL	CAWA-18-75	02/07/18	R-58	1257	1277.3
2018-1648	Rad	ARSL	CAWA-18-78	02/07/18	R-63	1325.0	1345.3
2018-1667	Inorganic	GELC	CAWA-18-3	02/08/18	Between E252 and Water at Beta	—	—
2018-1667	Inorganic	GELC	CAWA-18-4	02/08/18	Between E252 and Water at Beta	—	—
2018-1667	Inorganic	GELC	CAWA-18-57	02/08/18	R-47i	840.0	860.6
2018-1667	Inorganic	GELC	CAWA-18-58	02/08/18	R-47i	840.0	860.6
2018-1667	Organic	GELC	CAWA-18-4	02/08/18	Between E252 and Water at Beta	—	—
2018-1667	Organic	GELC	CAWA-18-58	02/08/18	R-47i	840.0	860.6
2018-1667	Rad	GELC	CAWA-18-4	02/08/18	Between E252 and Water at Beta	—	—
2018-1667	Rad	GELC	CAWA-18-58	02/08/18	R-47i	840.0	860.6
2018-1697	Inorganic	GELC	CAWA-18-10	02/10/18	Burning Ground Spring	—	—
2018-1697	Inorganic	GELC	CAWA-18-9	02/10/18	Burning Ground Spring	—	—
2018-1697	Inorganic	GELC	CAWA-18-1	02/10/18	Canon de Valle below MDA P	—	—
2018-1697	Inorganic	GELC	CAWA-18-2	02/10/18	Canon de Valle below MDA P	—	—
2018-1697	Inorganic	GELC	CAWA-18-19	02/10/18	CDV-16-02659	1.7	6.7
2018-1697	Inorganic	GELC	CAWA-18-20	02/10/18	CDV-16-02659	1.7	6.7
2018-1697	Inorganic	GELC	CAWA-18-45	02/09/18	CDV-37-1(i)	632.0	652.5
2018-1697	Inorganic	GELC	CAWA-18-46	02/09/18	CDV-37-1(i)	632.0	652.5
2018-1697	Inorganic	GELC	CAWA-18-25	02/10/18	MSC-16-06294	2.5	7.3
2018-1697	Inorganic	GELC	CAWA-18-26	02/10/18	MSC-16-06294	2.5	7.3
2018-1697	Organic	GELC	CAWA-18-10	02/10/18	Burning Ground Spring	—	—
2018-1697	Organic	GELC	CAWA-18-2	02/10/18	Canon de Valle below MDA P	—	—
2018-1697	Organic	GELC	CAWA-18-20	02/10/18	CDV-16-02659	1.7	6.7
2018-1697	Organic	GELC	CAWA-18-46	02/09/18	CDV-37-1(i)	632.0	652.5
2018-1697	Organic	GELC	CAWA-18-26	02/10/18	MSC-16-06294	2.5	7.3
2018-1697	Rad	GELC	CAWA-18-10	02/10/18	Burning Ground Spring	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2018-1697	Rad	GELC	CAWA-18-2	02/10/18	Canon de Valle below MDA P	—	—
2018-1697	Rad	GELC	CAWA-18-20	02/10/18	CDV-16-02659	1.7	6.7
2018-1697	Rad	GELC	CAWA-18-46	02/09/18	CDV-37-1(i)	632.0	652.5
2018-1705	Inorganic	GELC	CAWA-18-15	02/10/18	CDV-16-02656	3.0	8.0
2018-1705	Inorganic	GELC	CAWA-18-16	02/10/18	CDV-16-02656	3.0	8.0
2018-1705	Organic	GELC	CAWA-18-16	02/10/18	CDV-16-02656	3.0	8.0
2018-1705	Rad	GELC	CAWA-18-16	02/10/18	CDV-16-02656	3.0	8.0
2018-1719	Inorganic	GELC	CAPA-18-13	02/13/18	Paj bel S-N Anch E Basin conf	—	—
2018-1719	Inorganic	GELC	CAPA-18-14	02/13/18	Paj bel S-N Anch E Basin conf	—	—
2018-1719	Inorganic	GELC	CAPA-18-3	02/13/18	R-18	1358.0	1381.0
2018-1719	Inorganic	GELC	CAPA-18-4	02/13/18	R-18	1358.0	1381.0
2018-1719	Inorganic	GELC	CAWA-18-63	02/13/18	R-47	1322.0	1343.3
2018-1719	Inorganic	GELC	CAWA-18-64	02/13/18	R-47	1322.0	1343.3
2018-1719	Organic	GELC	CAPA-18-14	02/13/18	Paj bel S-N Anch E Basin conf	—	—
2018-1719	Organic	GELC	CAPA-18-4	02/13/18	R-18	1358.0	1381.0
2018-1719	Organic	GELC	CAWA-18-64	02/13/18	R-47		
2018-1719	Rad	GELC	CAPA-18-14	02/13/18	Paj bel S-N Anch E Basin conf	—	—
2018-1719	Rad	GELC	CAPA-18-4	02/13/18	R-18	1358.0	1381.0
2018-1719	Rad	GELC	CAWA-18-64	02/13/18	R-47	1322.0	1343.3
2018-1750	Rad	ARSL	CAWA-18-46	02/09/18	CDV-37-1(i)	632.0	652.5
2018-1750	Rad	ARSL	CAPA-18-4	02/13/18	R-18	1358.0	1381.0
2018-1750	Rad	ARSL	CAWA-18-64	02/13/18	R-47	1322.0	1343.3
2018-1750	Rad	ARSL	CAWA-18-58	02/08/18	R-47i	840.0	860.6
2018-1772	Inorganic	GELC	CAWA-18-27	02/16/18	16-61439	—	—
2018-1772	Inorganic	GELC	CAWA-18-28	02/16/18	16-61439	—	—
2018-1772	Inorganic	GELC	CAWA-18-35	02/16/18	CdV-16-1(i)	624.0	634.0
2018-1772	Inorganic	GELC	CAWA-18-36	02/16/18	CdV-16-1(i)	624.0	634.0
2018-1772	Inorganic	GELC	CAWA-18-39	02/16/18	CdV-16-2(i)r	850.0	859.7
2018-1772	Inorganic	GELC	CAWA-18-40	02/16/18	CdV-16-2(i)r	850.0	859.7
2018-1772	Inorganic	GELC	CAWA-18-42	02/16/18	CDV-16-4ip S1	815.6	879.2
2018-1772	Inorganic	GELC	CAWA-18-43	02/16/18	CDV-16-4ip S1	815.6	879.2
2018-1772	Inorganic	GELC	CAWA-18-21	02/16/18	CDV-16-611923	3.2	8.2
2018-1772	Inorganic	GELC	CAWA-18-22	02/16/18	CDV-16-611923	3.2	8.2
2018-1772	Inorganic	GELC	CAWA-18-29	02/16/18	CDV-16-611937	3.0	8.0
2018-1772	Inorganic	GELC	CAWA-18-30	02/16/18	CDV-16-611937	3.0	8.0

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2018-1772	Organic	GELC	CAWA-18-28	02/16/18	16-61439	—	—
2018-1772	Organic	GELC	CAWA-18-36	02/16/18	CdV-16-1(i)	624.0	634.0
2018-1772	Organic	GELC	CAWA-18-40	02/16/18	CdV-16-2(i)r	850.0	859.7
2018-1772	Organic	GELC	CAWA-18-43	02/16/18	CDV-16-4ip S1	815.6	879.2
2018-1772	Organic	GELC	CAWA-18-22	02/16/18	CDV-16-611923	3.2	8.2
2018-1772	Organic	GELC	CAWA-18-30	02/16/18	CDV-16-611937	3.0	8.0
2018-1772	Rad	GELC	CAWA-18-28	02/16/18	16-61439	—	—
2018-1772	Rad	GELC	CAWA-18-36	02/16/18	CdV-16-1(i)	624.0	634.0
2018-1772	Rad	GELC	CAWA-18-40	02/16/18	CdV-16-2(i)r	850.0	859.7
2018-1772	Rad	GELC	CAWA-18-43	02/16/18	CDV-16-4ip S1	815.6	879.2
2018-1772	Rad	GELC	CAWA-18-22	02/16/18	CDV-16-611923	3.2	8.2
2018-1772	Rad	GELC	CAWA-18-30	02/16/18	CDV-16-611937	3.0	8.0
2018-1811	Inorganic	GELC	CAPA-18-1	02/21/18	Bulldog Spring	—	—
2018-1811	Inorganic	GELC	CAPA-18-2	02/21/18	Bulldog Spring	—	—
2018-1811	Inorganic	GELC	CAWA-18-54	02/21/18	R-26 PZ-2	150.0	180.0
2018-1811	Inorganic	GELC	CAWA-18-55	02/21/18	R-26 S1	651.8	669.9
2018-1811	Inorganic	GELC	CAWA-18-56	02/21/18	R-26 S1	651.8	669.9
2018-1811	Organic	GELC	CAPA-18-2	02/21/18	Bulldog Spring	—	—
2018-1811	Organic	GELC	CAWA-18-54	02/21/18	R-26 PZ-2	150.0	180.0
2018-1811	Organic	GELC	CAWA-18-56	02/21/18	R-26 S1	651.8	669.9
2018-1811	Rad	GELC	CAPA-18-2	02/21/18	Bulldog Spring	—	—
2018-1811	Rad	GELC	CAWA-18-56	02/21/18	R-26 S1	651.8	669.9
2018-1812	Rad	ARSL	CAWA-18-36	02/16/18	CdV-16-1(i)	624.0	634.0
2018-1812	Rad	ARSL	CAWA-18-40	02/16/18	CdV-16-2(i)r	850.0	859.7
2018-1812	Rad	ARSL	CAWA-18-43	02/16/18	CDV-16-4ip S1	815.6	879.2
2018-1812	Rad	ARSL	CAWA-18-56	02/21/18	R-26 S1	651.8	669.9
2018-1821	Inorganic	GELC	CAWA-18-31	02/22/18	16-26644	130.0	145.0
2018-1821	Inorganic	GELC	CAWA-18-32	02/22/18	16-26644	130.0	145.0
2018-1821	Inorganic	GELC	CAWA-18-66	02/22/18	CdV-R-15-3 S4	1235.1	1278.9
2018-1821	Inorganic	GELC	CAWA-18-67	02/22/18	CdV-R-15-3 S4	1235.1	1278.9
2018-1821	Organic	GELC	CAWA-18-32	02/22/18	16-26644	130.0	145.0
2018-1821	Organic	GELC	CAWA-18-67	02/22/18	CdV-R-15-3 S4	1235.1	1278.9
2018-1821	Rad	GELC	CAWA-18-32	02/22/18	16-26644	130.0	145.0
2018-1821	Rad	GELC	CAWA-18-67	02/22/18	CdV-R-15-3 S4	1235.1	1278.9
2018-1829	Inorganic	GELC	CAWA-18-11	02/23/18	Martin Spring	—	—
2018-1829	Inorganic	GELC	CAWA-18-12	02/23/18	Martin Spring	—	—
2018-1829	Organic	GELC	CAWA-18-12	02/23/18	Martin Spring	—	—
2018-1829	Rad	GELC	CAWA-18-12	02/23/18	Martin Spring	—	—

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2018-2000	Rad	ARSL	CAWA-18-32	02/22/18	16-26644	130.0	145.0
2018-2000	Rad	ARSL	CAWA-18-67	02/22/18	CdV-R-15-3 S4	1235.1	1278.9
2018-2001	Rad	ARSL	CAWA-18-12	02/23/18	Martin Spring	—	—

[a] GELC = GEL Laboratories, LLC, Division of the GEL Group, Charleston, SC.

[b] — = Not applicable.

[c] Rad = Radiochemistry (not gamma).

[d] CFA = Cape Fear Analytical, LLC.

[e] ARSL = American Radiation Services, Inc.