DEPARTMENT OF ENERGY
Environmental Management Los Alamos Field Office (EM-LA)
Los Alamos, New Mexico 87544

Ltr: EMID-701123
Gen Surv PMR: EMID-701124
Base Flow PMR: EMID-701125

EMLA-2021-0017-02-001 November 30, 2020

Mr. Kevin Pierard
Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6313

Subject: Submittal of the 2020 Annual Periodic Monitoring Reports for the General Surveillance Monitoring Group and for Base Flow Sampling

Dear Mr. Pierard:

Enclosed please find two hard copies each with electronic files of the "2020 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/Cañon de Valle, White Rock Canyon, and Pajarito Canyon Watersheds" and the "2020 Annual Periodic Monitoring Report for Base Flow Sampling: Los Alamos Canyon, Sandia Canyon, White Rock Canyon, and Pajarito Canyon Watersheds."

The General Surveillance monitoring group periodic monitoring report (PMR) includes results from sampling campaigns performed through the third quarter of monitoring year (MY) 2020.

This is the first annual base flow sampling PMR. Previously, base flow monitoring results were reported in the General Surveillance monitoring group PMR and the Technical Area 16 (TA-16) 260 monitoring group PMR. Base flow results in the TA-16 260 monitoring group from MY 2019 and 2020 were reported in the 2020 TA-16 260 PMR. Starting in MY 2021, all base flow results will be included in the base flow PMR. The enclosed base flow PMR presents monitoring results for four periodic monitoring events conducted during the fourth quarter of MY 2019 and the first, second, and third quarters of MY 2020.

These reports are 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) 257-7943 (hai.shen@em.doe.gov).

Sincerely,

Arturo Q. Duran

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Arturo Q. Duran
Compliance and Permitting Manager
Environmental Management
Los Alamos Field Office

Enclosures: Two hard copies with electronic files:

1. 2020 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/Cañon de Valle, White Rock Canyon, and Pajarito Canyon Watersheds (EM2020-0559)
2. 2020 Annual Periodic Monitoring Report for Base Flow Sampling: Los Alamos Canyon, Sandia Canyon, White Rock Canyon, and Pajarito Canyon Watersheds (EM2020-0584)

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November 2020
EM2020-0559

2020 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/ Cañon de Valle, White Rock Canyon, and Pajarito Canyon Watersheds

N3B Los Alamos

Newport News Nuclear BWXT-Los Alamos, LLC (N3B), under the U.S. Department of Energy Office of Environmental Management Contract No. 89303318CEM000007 (the Los Alamos Legacy Cleanup Contract), has prepared this document pursuant to the Compliance Order on Consent, signed June 24, 2016. The Compliance Order on Consent contains requirements for the investigation and cleanup, including corrective action, of contamination at Los Alamos National Laboratory. The U.S. government has rights to use, reproduce, and distribute this document. The public may copy and use this document without charge, provided that this notice and any statement of authorship are reproduced on all copies.

EM2020-0559

2020 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/Cañon de Valle, White Rock Canyon, and Pajarito Canyon Watersheds

November 2020

Responsible program director:

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Printed Name	Signature	Title	Organization	Date

Responsible N3B representative:

Kim Lebak		Program Manager	N3B Environmental Remediation Program	11/19/20
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Arturo Q. Duran	Arturo Q. Duran Digitally signed by Arturo Q. Duran Date: 2020.11.24 11:15:17 -07'00'	Compliance and Permitting Manager	Office of Quality and Regulatory Compliance	
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EXECUTIVE SUMMARY

This annual periodic monitoring report (PMR) presents results for the General Surveillance monitoring group of the Newport News Nuclear BWXT-Los Alamos, LLC (N3B) 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 2019 Monitoring Year, October 2018–September 2019" (2019 IFGMP) and the "Interim Facility-Wide Groundwater Monitoring Plan for the 2020 Monitoring Year, October 2019–September 2020," (2020 IFGMP) both prepared in accordance with the Compliance Order on Consent.

All active monitoring locations in the General Surveillance monitoring group are located within the Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/Cañon de Valle, White Rock Canyon, and Pajarito Canyon watersheds. The General Surveillance monitoring group includes the monitoring of springs, wells, and well screen locations. Base flow monitoring locations in the General Surveillance monitoring group are now reported in the new annual base flow monitoring report.

This PMR presents monitoring results for 10 periodic monitoring events (PMEs) conducted during the fourth quarter of monitoring year (MY) 2019 and the first, second, and third quarters of MY 2020. Two of the PMEs were conducted in the Los Alamos and Pueblo Canyon watersheds, three in the Mortandad and Sandia Canyon watersheds, two in the Water Canyon/Cañon de Valle watershed, one in the White Rock Canyon watershed, and two in the Pajarito Canyon watershed.

In addition to results from the current PMEs, results are reported for the previous four PMEs as well as earlier General Surveillance monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous PMR's publication.

Groundwater samples collected during the PMEs were analyzed for all or some of the following analytical groups, as specified in the 2019 and 2020 IFGMPs: metals; volatile organic compounds; semivolatile organic compounds; low-level 1,4- dioxane; low-level nitrosamines; per- and polyfluoroalkyl substances; polychlorinated biphenyls; high explosives; dioxins and furans; radionuclides (including low-level tritium); and general inorganic chemicals (including perchlorate). The same samples were also analyzed for field parameters, including dissolved oxygen, flow rate (in gallons per minute), oxygen-reduction potential, pH, specific conductance, temperature, and turbidity.

In this PMR, two groundwater analytical results were above applicable screening values.

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Plate

Plate 1 Groundwater elevations

Acronyms and Abbreviations

AOC	area of concern
ARSL	American Radiation Services, Inc.
asl	above sea level
CdV	Cañon de Valle
COC	chain of custody
Consent Order	Compliance Order on Consent
CV	casing volume
DO	dissolved oxygen
DOE	Department of Energy (U.S.)
EIM	Environmental Information Management (database)
EMCA	essential mission critical activities
EPA	Environmental Protection Agency (U.S.)
EQB	equipment rinsate blank
F	filtered
FB	field blank
FD	field duplicate
FTB	field trip blank
GELC	GEL Laboratories, LLC, Division of the GEL Group, Inc., Charleston, SC
gpm	gallons per minute
HE	high explosives
ID	identification
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	NMWQCC human-health organism only, surface water quality standard

NMWQCC	New Mexico Water Quality Control Commission
PEB	performance evaluation blank
PFAS	per- and polyfluoroalkyl substances
PME	periodic monitoring event
PMR	periodic monitoring report
QA	quality assurance
QC	quality control
RCRA	Resource Conservation and Recovery Act
S	screen
SOP	standard operating procedure
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TA	technical area
TDS	total dissolved solids
UF	unfiltered
USFS	U.S. Forest Service
VOC	volatile organic compound
WCSF	waste characterization strategy form
WFO	Weapons Facilities Operations

1.0 INTRODUCTION

This annual periodic monitoring report (PMR) for the General Surveillance monitoring group provides documentation of the following groundwater periodic monitoring events (PMEs) conducted by Newport News Nuclear BWXT-Los Alamos, LLC (N3B):

Watershed Portion of the General Surveillance Monitoring Group	PMEs Reported in this PMR		PME Field Sampling	
	Monitoring Year	Quarter	Begin	End
Los Alamos and Pueblo Canyon	2020	1	12/17/2019	12/17/2019
		3	Not sampled[a]	—[b]
Mortandad and Sandia Canyon	2019	4	07/10/2019	07/26/2019
	2020	1	11/07/2019	11/13/2019
		3	Not sampled[a]	—
Water Canyon/Cañon de Valle	2019	4	08/16/2019	08/16/2019
	2020	2	Not sampled[c]	—
White Rock Canyon	2020	1	10/01/2019	10/09/2019
Pajarito Canyon	2020	1	10/28/2019	10/31/2019
		3	Not sampled[a]	—

[a] No samples were collected during this PME because of the stop-work order issued in response to the COVID-19 pandemic.

[b] — = Not applicable.

[c] No samples were collected during this PME because of site restrictions within the Weapons Facilities Operations security areas.

The annual General Surveillance monitoring group PMR is submitted to the New Mexico Environment Department (NMED) every November. This PMR includes results from the General Surveillance monitoring group PMEs performed during the fourth quarter of monitoring year (MY) 2019 and the first, second, and third quarters of MY 2020. The MY 2020 second-quarter Water Canyon/Cañon de Valle PME was canceled because groundwater field crews were unable to access Weapons Facilities Operations (WFO) security areas pending approval of Form 1897 for on-site authorization to use necessary controlled portable electronic devices (PEDs) to complete sampling. The MY 2020 Quarter 3 Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, and Pajarito Canyon PMEs were canceled due to a partial stop-work order issued by the U.S. Department of Energy Environmental Management Los Alamos Field Office (EM-LA) in response to the COVID-19 pandemic. During this time, operations performed by Newport News Nuclear BWXT-Los Alamos, LLC (N3B) at Los Alamos National Laboratory (LANL) were limited to those considered essential mission critical activities (EMCA) starting on March 24, 2020. The samples scheduled to be collected in MY 2020 Quarter 2 and MY 2020 Quarter 3 were collected in MY 2020 Quarter 4 once phased resumption of operations at LANL began on June 8, 2020. The results from samples collected in MY 2020 Quarter 4 will be reported in the 2021 General Surveillance PMR.

In addition to results from the 10 PMEs listed in the table above, results are reported for the previous four PMEs as well as for earlier General Surveillance monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous PMR's publication.

The PMEs reported in this PMR included sampling of spring and well or well screen locations pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan for the 2019 Monitoring Year, October 2018–September 2019" (hereafter referred to as the 2019 IFGMP) (N3B 2018, 700000) and the "Interim Facility-Wide Groundwater Monitoring Plan for the 2020 Monitoring Year, October 2019–September 2020"

(hereafter referred to as the 2020 IFGMP) (N3B 2019, 700451), both prepared in accordance with the 2016 Compliance Order on Consent (Consent Order).

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. Screening values for evaluating IFGMP monitoring data include 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. Additional risk evaluation is required to determine the potential need for cleanup (corrective action) if results indicate that contaminants are present at concentrations that exceed screening values.

This report presents the following:

- general background information on the General Surveillance monitoring group;
- scope of activities for the General Surveillance monitoring group;
- regulatory criteria for screening analysis;
- monitoring results (field parameters, groundwater elevations);
- analytical data results; and
- a summary of the monitoring data and the results of screening analysis.

All information associated with analysis of radionuclides is voluntarily provided to NMED in accordance with U.S. Department of Energy (DOE) policy.

1.1 Background

Most of the monitoring locations discussed in the 2019 IFGMP (N3B 2018, 700000) and 2020 IFGMP (N3B 2019, 700451) are assigned to area-specific monitoring groups related to project areas that may be located in more than one watershed. Locations not included within one of these six area-specific monitoring groups are assigned to the General Surveillance monitoring group. General Surveillance monitoring group locations are sited across the Pajarito Plateau in all major watersheds (Figure 1.1-1). Some are upgradient of project-specific areas, or are in areas where contamination was historically present but where concentrations have since decreased and are stable and below standards. Most General Surveillance monitoring group locations are well characterized and have a long history of sampling data. Some locations show little or no contamination, while others show residual contamination from past operations or effluent releases. The residual contamination may be present in alluvial groundwater and occasionally in perched-intermediate groundwater. In many cases, contaminant concentrations are fairly steady over time or decrease as a result of reduction of sources over the years.

Monitoring objectives for the General Surveillance monitoring group locations are as follows:

- continue monitoring long-term water-quality trends;
- continue verifying decreased contaminant trends in some watersheds (Los Alamos, Sandia, and Mortandad);
- monitor for potential impacts from ongoing operations under DOE requirements for environmental surveillance; and
- continue surveillance for potential impacts to the groundwater at LANL, as expressed at the springs in White Rock Canyon.

This annual PMR presents General Surveillance monitoring group results for the Los Alamos and Pueblo Canyons (Figure 1.1-2), Mortandad and Sandia Canyons (Figure 1.1-3), Water Canyon/Cañon de Valle (Figure 1.1-4), White Rock Canyon (Figure 1.1-5), and Pajarito Canyon watersheds (Figure 1.1-6).

Other locations monitored outside of the General Surveillance monitoring group can be found in the six area-specific monitoring groups, listed below.

Watershed	Area-Specific Monitoring Group	Purpose
Los Alamos and Pueblo Canyon	Technical Area 21 (TA-21) monitoring group	Monitor past operations from TA-21, including locations DP West and DP East. Operations included plutonium processing, production of weapons initiators, and tritium research.
Mortandad and Sandia Canyon	Chromium Investigation monitoring group (Mortandad and Sandia)	Characterization and fate and transport of chromium contamination in perched-intermediate groundwater and the regional aquifer, and monitoring historical releases from Outfall 051 discharged from the Radioactive Liquid Waste Treatment Facility.
	Material Disposal Area (MDA) C monitoring group (Mortandad)	Monitoring for potential releases from inactive waste disposal units at MDA C.
Water Canyon/ Cañon de Valle	TA-16 260 monitoring group, and Base Flow monitoring group	Monitor contaminants released from Consolidated Unit 16-021(c)-99, the TA-16 260 Outfall (hereafter 260 Outfall), as well as other TA-16 sites. The 260 Outfall is a former high explosives (HE) -machining outfall. TA-16 developed explosive formulations, cast and machined explosive charges, and assembled test explosive components.
	MDA AB monitoring group	Support corrective measures for solid waste management units (SWMUs) and areas of concern (AOCs) at MDA AB, an underground nuclear weapons component testing site. Testing involved large inventories of radioactive and hazardous materials.
Pajarito Canyon	TA-54 monitoring group	Support corrective measures for SWMUs and AOCs (particularly MDAs G, H, and L), and monitor all aspects of TA-54.

Los Alamos Canyon and Pueblo Canyon Watersheds

The entire Los Alamos Canyon watershed includes Pueblo, Guaje, Rendija, Bayo, and Barrancas Canyons, as well as smaller tributary canyons (e.g., Acid and DP Canyons) (Figures 1.1-1 and 1.1-2). The highest point in the watershed is at the summit of Pajarito Mountain at an elevation of 10,441 ft above sea level (asl). The watershed extends eastward from the headwaters across the Pajarito Plateau for approximately 18.9 mi to the confluence with the Rio Grande at an elevation of 5504 ft asl. Los Alamos Canyon heads on U.S. Forest Service (USFS) land, crosses approximately 8 mi of Laboratory land, and then crosses Pueblo de San Ildefonso land for approximately 4.7 mi before joining the Rio Grande. Los Alamos Canyon drains an area of approximately 10.8 mi^2 upstream from its confluence with Pueblo Canyon and 21.0 mi^2 upstream from its confluence with Bayo Canyon (inclusive of Pueblo Canyon). The Los Alamos Canyon watershed has a combined drainage area of 59 mi^2.

Pueblo Canyon heads on USFS land, crosses 4.2 mi of Los Alamos County land, and then crosses 2.5 mi of Laboratory land, where it joins Los Alamos Canyon just upcanyon of the Pueblo de San Ildefonso boundary (Figures 1.1-1 and 1.1-2). Pueblo Canyon has a total drainage area of approximately 8.4 mi^2.

Mortandad Canyon and Sandia Canyon Watersheds

Mortandad Canyon includes Pratt Canyon, a short tributary that heads in TA-35, as well as an unnamed tributary canyon that heads in TA-05 (Figures 1.1-1 and 1.1-3). The Mortandad Canyon watershed heads on the Pajarito Plateau on Laboratory land in TA-03 at an elevation of approximately 7400 ft asl and extends approximately 7 mi to NM 4 on Pueblo de San Ildefonso land at an elevation of approximately 6450 ft asl, approximately 3 mi upcanyon from the Rio Grande. The watershed upcanyon of NM 4 has a drainage area of 3.3 mi^2, of which 60% is on Laboratory land and the remaining 40% is on Pueblo de San Ildefonso land. Effluent Canyon heads in TA-48 and has a length of approximately 0.5 mi and a drainage area of 0.1 mi^2, entirely on Laboratory land. Ten Site Canyon heads in TA-50 and has a length of approximately 1.8 mi and a drainage area of 0.3 mi^2, entirely on Laboratory land.

Sandia Canyon heads on the Pajarito Plateau in TA-03, has a maximum elevation of approximately 7600 ft asl, and extends approximately 10.9 mi to the Rio Grande at an elevation of approximately 5445 ft asl (Figures 1.1-1 and 1.1-3). The watershed has a drainage area of 5.5 mi^2, of which 45% is on Laboratory land, 39% is on Pueblo de San Ildefonso land, 15% is within Bandelier National Monument, and 1% is on private land. The part of the watershed upcanyon from NM 4 and White Rock, the primary focus of this investigation, has a drainage area of 2.6 mi^2, of which 96% is on Laboratory land, 3% is on Pueblo de San Ildefonso land, and 1% is on private land.

Water Canyon and Cañon de Valle Watersheds

Tributaries within Water Canyon/Cañon de Valle include Martin Spring, Fishladder, Indio, Potrillo, Fence, and numerous smaller tributary canyons. The Water Canyon/Cañon de Valle watershed is located in the southern portion of the Laboratory (Figures 1.1-1 and 1.1-4). Water Canyon is an east-to-southeast-trending drainage originating on the flanks of the Sierra de los Valles in Bandelier National Monument. Water Canyon remains in Bandelier National Monument for 0.2 mi and then passes through 3.2 mi of the Santa Fe National Forest before it crosses into the Laboratory at the western boundary of TA-16. The drainage extends east-southeast approximately 10.7 mi across the entire Laboratory to its confluence with the Rio Grande in White Rock Canyon. The total drainage area for Water Canyon above the Rio Grande, including Cañon de Valle and other tributaries, is 19.1 mi^2, and the total drainage length is about 14.1 mi. Cañon de Valle, the largest tributary to Water Canyon, also originates on the flanks of the Sierra de Los Valles in the Valles Caldera National Preserve. Cañon de Valle remains on the Valles Caldera National Preserve for 0.8 mi and then passes through 3.1 mi of the Santa Fe National Forest before it crosses into the Laboratory at the western boundary of TA-16. It extends east-southeast across the Laboratory from TA-16 to its confluence with Water Canyon at the boundary between TA-15 and TA-37. The Cañon de Valle watershed has a drainage area of 4.4 mi^2 and a channel length of 7.7 mi. S-Site Canyon originates in TA-16 near the west-central portion of the Water Canyon watershed and extends approximately 2.7 mi east-southeast to its confluence with Water Canyon in TA-37. It has a drainage area of approximately 0.8 mi^2. Most of the Water Canyon watershed, approximately 65% (including all tributaries), is within the boundaries of the Laboratory. Approximately 28% of the watershed is on Santa Fe National Forest land, 4% is within the Valles Caldera National Preserve, 2% is within Bandelier National Monument, and 2% is on private land or Los Alamos County land in White Rock.

Pajarito Canyon Watershed

The Pajarito Canyon watershed heads in the Sierra de los Valles (the eastern Jemez Mountains) at Pajarito Mountain at an elevation of 10,441 ft asl and extends approximately 13 mi to the Rio Grande at an elevation of approximately 5410 ft asl (Figures 1.1-1 and 1.1-6). The watershed has a drainage area of 13 mi^2, of which 57% is on Laboratory land, 27% is on USFS land in the Santa Fe National Forest, a small area (0.1%) is on Valles Caldera National Preserve land, and the remaining 16% is on private land

or land owned by Los Alamos County. Approximately 58% of the length of Pajarito Canyon, or 8.5 mi, is on Laboratory land between NM 501 (West Jemez Road) and NM 4. The three largest tributaries to Pajarito Canyon are Threemile Canyon, Twomile Canyon, and the south fork of Pajarito Canyon. Threemile Canyon heads in TA-14 and has a length of approximately 3.7 mi and a drainage area of 1.7 mi^2, entirely on Laboratory land. Twomile Canyon heads in the Sierra de los Valles and has a length of approximately 5.8 mi and a drainage area of 3.1 mi^2, 70% on Laboratory land. The south fork of Pajarito Canyon also heads in the Sierra de los Valles and has a length of approximately 2.9 mi and a drainage area of 1.0 mi^2, 37% on Laboratory land.

White Rock Canyon Watershed

The White Rock Canyon springs are located along the Rio Grande at the eastern border of the Laboratory, on Los Alamos County land, and on land belonging to Pueblo de San Ildefonso. The springs serve as monitoring points to detect possible discharges of contaminated groundwater from beneath the Laboratory into the Rio Grande. The White Rock Canyon springs are some of the most frequently monitored locations in or next to the Laboratory. Most of the major springs have been sampled regularly since the late 1960s, with some sampled since the early 1950s.

TA-70, which lies to the north of TA-33, is a buffer area where no Laboratory activities have occurred. There are no SWMUs or AOCs within TA-70. Adjoining TA-70 to the north are low- to moderate-density residential areas in White Rock and a mix of private property and Los Alamos County land. A municipal sanitary treatment plant discharges effluent into Mortandad Canyon just above the river at the northern county boundary. Pueblo de San Ildefonso property borders Los Alamos County on the north; this land is undeveloped. Pueblo de San Ildefonso operates numerous water-supply wells on both sides of the Rio Grande, and the City of Santa Fe operates the Buckman well field on the east side of the Rio Grande across from White Rock.

The Rio Grande flows from northeast to southwest near the Laboratory and forms part of the eastern Laboratory boundary (Figures 1.1-1 and 1.1-5). The mesa drains to Ancho Canyon (to the north) and White Rock Canyon (to the east and south).

2.0 SCOPE OF ACTIVITIES

All active monitoring locations in the General Surveillance monitoring group are located within the Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/Cañon de Valle, White Rock Canyon, and Pajarito Canyon watersheds. Monitoring locations include 25 springs, 12 wells completed within the alluvial groundwater, 8 wells completed within the perched-intermediate groundwater, and 16 wells completed within the regional aquifer. In addition, water levels are monitored at 6 wells completed within the alluvial groundwater. One of the 8 wells completed within the perched-intermediate groundwater is on the watch list.

Watch list wells are identified by N3B and NMED as perched-intermediate and regional groundwater monitoring wells for which water-quality data for certain constituents are not representative or are of questionable representativeness. Wells are assigned to the watch list if site-specific criteria are met. Data examined for the assessment include field parameters associated with samples at the time of collection, major-ion concentrations, trace-metal concentrations, and detections of organic constituents. The assessments are based on site-specific geochemical criteria. The complete index of watch-list locations can be found in Appendix E of the 2019 and 2020 IFGMPs.

The following well screen is on the watch list:

- R-12 screen 1 (S1) is on the watch list because reducing conditions appear to persist from residual drilling fluids as indicated by low dissolved oxygen (DO) and elevated iron and manganese. Reducing conditions yield nonrepresentative data. Sampling is completed for low-level tritium only because concentrations are not affected by reducing conditions; it therefore provides a good indicator of the potential presence of contamination.

Groundwater samples collected during the PMEs were analyzed for all or some of the following analytical groups as specified in the 2019 and 2020 IFGMPs: metals; volatile organic compounds (VOCs); semivolatile organic compounds (SVOCs); low-level 1,4- dioxane; low-level nitrosamines; per- and polyfluoroalkyl substances (PFAS); polychlorinated biphenyls (PCBs); high explosives (HE); dioxins and furans; radionuclides (including low-level tritium); and general inorganic chemicals (including perchlorate). The same samples were also analyzed for field parameters, including DO, flow rate (in gallons per minute), oxygen-reduction potential, pH, specific conductance, temperature, and turbidity.

Purge water is managed and characterized in accordance with the recent version of the waste characterization strategy form (WCSF) "WCSF-Interim Facility-Wide Groundwater Monitoring" (N3B 2018, 700867). Purge water is stored until characterization is complete, and if requirements are met, the purge water can be land-applied in accordance with the standard operating procedure (SOP) "Land Application of Groundwater" (N3B-EPC-CP-QP-010 Rev 4) and standing order "Land Application of Groundwater" (N3B-SOP-ER-0003), which implements the NMED-approved decision tree for land application of drilling, development, rehabilitation, and purge water. Purge water has been consolidated since April 2019 because of new regulatory requirements for chemicals that were not analyzed at the time of sampling. Purge water will be land-applied if all current land application criteria are met.

Table 2.0-1 provides the location name and watershed; the monitoring year and quarter of the sampling event; the sample collection date; each well's screened interval with top and bottom screen depths; and the casing volume, purge volume, and purge or flow rate for each sampling event. Monitoring locations are shown in Figures 1.1-2 through 1.1-6, which include the watersheds of Los Alamos and Pueblo Canyons, Mortandad and Sandia Canyons, Water Canyon/Cañon de Valle, White Rock Canyon, and Pajarito Canyon, respectively.

2.1 PME Observations and Deviations from Planned Scope

Table 2.1-1 summarizes the observations and Table 2.1-2 summarizes the deviations from the planned monitoring scope for this annual PMR.

The MY 2020 Quarter 2 Water Canyon/Cañon de Valle PME was canceled because groundwater field crews were unable to access WFO security areas pending approval of Form 1897 for on-site authorization to use necessary controlled PEDs to complete sampling. An attempt was made in MY 2020 Quarter 4 to perform sampling that had been planned for MY 2020 Quarter 2. However, the site was dry at the time, and this will be reported as a deviation in the 2021 General Surveillance PMR.

The MY 2020 Quarter 3 Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, and Pajarito Canyon PMEs were canceled due to a partial stop-work order issued by EM-LA in response to the COVID-19 pandemic. During this time, N3B's operations at LANL were limited to EMCA starting on March 24, 2020. The samples to have been collected in MY 2020 Quarter 3 were collected in MY 2020 Quarter 4 once phased resumption of operations at LANL began on June 8, 2020. The results from samples collected in MY 2020 Quarter 4 will be reported in the 2021 General Surveillance PMR.

3.0 REGULATORY CRITERIA

Regulatory criteria related to groundwater quality form the basis for the screening values with 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 IX of the Consent Order as listed in Table 3.0-1.

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 based on the following criteria:

- For each individual substance, the lower concentration of either the NMWQCC groundwater standard or the EPA MCL is used as the screening value.
- If the NMWQCC groundwater standard or the EPA 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. NMED screening levels are established for either a cancer- or noncancer-risk type; for the cancer-risk type, screening levels are based on a 10^{-5} excess cancer risk. This report was prepared using the June 2019 NMED "Risk Assessment Guidance for Site Investigations and Remediation, Volume 1, Soil Screening Guidance for Human Health Risk Assessments," (NMED 2019, 700550).
- If the 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 established 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 at 10^{-6} excess cancer risk; therefore, 10 times the EPA 10^{-6} screening levels are used in the screening process. This report was prepared using the May 2020 EPA regional screening levels for tap water (http://www.epa.gov/risk/risk-based-screening-table-generic-tables).
- 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. For this report, EPA MCLs are applied to both filtered and unfiltered sample results.

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 2019 IFGMP (N3B 2018, 700000) and 2020 IFGMP (N3B 2019, 700451).

4.2 Comparison of Target Analytes and Method Detection Limits

Several analytes have a range of method detection limits (MDLs). For some of these analytes, the MDL is much lower than for earlier analyses. Table 4.2-1 presents a list of target analytes with analytical MDLs equal to or above screening values. Table 4.2-2 presents a list of analytes where the lower range of MDLs is below the screening value but the upper portion of the range is above the screening value. Target analytes with MDLs entirely below the screening value are not listed. The analytical method and analytical laboratory are included in the tables for reference.

4.3 Field Parameter Results

Appendix A presents the field parameter measurements associated with the sampling and analytical data reported in this PMR, including DO, flow rate, oxygen-reduction potential, pH, specific conductance, temperature, and turbidity. Table 2.1-2 notes any instances where the requirement for collecting field parameter measures could not be met.

4.4 Groundwater Elevations

The groundwater level is measured at each groundwater monitoring location before purging and sampling at that location as required by the Consent Order.

In addition to collecting groundwater-elevation data before purging and sampling, N3B collects groundwater-elevation 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-elevation records presented in this PMR are a result of one or more of the following conditions:

- The well is dry.
- The well is not equipped with a pressure (level) transducer.
- The water level is below the transducer.
- The transducer is not functioning properly (including failure).
- The transducer is temporarily removed from the well for maintenance and/or calibration.

Data gaps exist for the following locations:

- CDBO-6: Dry for the entire period of record.
- LAO-1.6g: The well does not contain a transducer.
- LAO-4.5c: Water-level elevations were intermittently below the transducer for the period of record.
- LAUZ-1: The well does not contain a transducer.
- LLAO-1b: Water was intermittently in the sump for the period of record.
- MCO-4b: Water-level elevations were intermittently below the transducer for the period of record.
- MCO-5: Water-level elevations were intermittently below the transducer for the period of record.
- MCO-6: Water-level elevations were intermittently below the transducer for the period of record.
- PCAO-7b2: Water-level elevations were intermittently below the transducer for the period of record.
- PCAO-8: Water-level elevations were intermittently in the sump for the period of record.
- R-19 (all screens): Transducers were pulled for Westbay conversion on March 23, 2019. There is no data for the period of record due to the ongoing Westbay conversion.
- R-31 (all screens): There is no data for the period of record due to the ongoing Westbay conversion.
- WCO-1r: Water elevations dropped below the transducer on September 6, 2019, and were below the transducer for the remaining period of record.

Groundwater-elevation data from the end of the previous PMEs and through the end of the PMEs in this report are presented in Appendix B (on CD included with this document), and include all continuous groundwater-elevation data. Locations assigned to water-level monitoring only are LAO-4.5c, PAO-2, MCO-2, MCO-4B, MCO-6, and PCAO-7b2. Groundwater-elevation measurements are shown graphically on Plate 1.

For wells equipped with transducers, the reported groundwater elevation was the first measurement taken on each day. Figure 4.4-1 shows regional groundwater surface and flow direction. No perched-intermediate groundwater contours are shown. However, all groundwater-elevation data for locations with transducers are reported in Appendix B and shown on Plate 1.

5.0 ANALYTICAL DATA RESULTS

5.1 Methods and Procedures

All methods and procedures used to perform the analyses for the data reported in this PMR are documented in the 2019 IFGMP (N3B 2018, 700000) and 2020 IFGMP (N3B 2019, 700451).

Sampling and data validation were conducted using SOPs that are part of a comprehensive quality assurance/quality control (QA/QC) program. SOPs include the most current version of the following:

- “WCSF-Interim Facility-Wide Groundwater Monitoring” (N3B 2018, 700867)
- “Groundwater Sampling” (N3B-SOP-ER-3003)
- “Groundwater Sampling” (IWD-TPMC-LA-16-049)
- “Wireless Connect/Non-connected Component Plan – Standalone Wireless System Name: Groundwater Monitoring Well Data Acquisition System” (N3B-SD-016-CP-032/L2)
- “Locus Mobile Application for Groundwater Data Collection” (N3B-SOP-ER-20324)
- “Groundwater Sampling and Sample Preservation” (N3B-ER-IWD-20088)
- “Manual Groundwater Level Measurements” (N3B-SOP-ER-3001)
- “Groundwater Level Data Processing, Review, and Validation” (N3B-SOP-ER-3004)
- “Validation of Volatile Organic Compound Analytical Data” (N3B-ER-AP-20309)
- “Validation of Semivolatile Organic Compound Analytical Data” (N3B-ER-AP-20310)
- “Validation of LC-MS/MS High Explosive Analytical Data” (N3B-ER-AP-20316)
- “Validation of Organochlorine Pesticide and Polychlorinated Biphenyl Analytical Data” (N3B-ER-AP-20311)
- “Validation of Metals and Cyanide Analytical Data” (N3B-ER-AP-20313)
- “Validation of Gamma Spectroscopy, Chemical Separation Alpha Spectrometry, Gas Proportional Counting, and Liquid Scintillation Analytical Data” (N3B-ER-AP-20314)
- “Validation of General Chemistry Analytical Data” (N3B-ER-AP-20315)
- “Validation of Dioxin and Furan Analytical Data” (N3B-ER-AP-20317)
- “Validation of LC-MS/MS Perchlorate Analytical Data” (N3B-ER-AP-20320)

Samples to be collected are planned using 2019 IFGMP and 2020 IFGMP Tables 1.7-2, 1.8-1, 1.9-1, 1.11-1, and 2.4-1 through 8.3-1 (N3B 2018, 700000; N3B 2019, 700451). Sample plans include additional field collection, transportation, and field QA/QC criteria as identified in the N3B and project data quality objectives and in the Consent Order. A sample collection log is created and printed to serve as a chain-of-custody (COC) document and an analytical request form.

Field QA/QC samples consist of field blanks (FBs), equipment rinsate blanks (EQBs), performance evaluation blanks (PEBs), field trip blanks (FTBs), and field duplicates (FDs). They are used to detect possible field, transportation, or analytical laboratory contamination; PEBs also track analytical laboratory performance. Differences in analytical results between an FD and its regular sample, for example, may indicate the samples were not uniform, or that significant variation in analysis occurred between the two samples. Detection of analytes in deionized water FBs may indicate contamination of the deionized water source or sample bottles, or contamination from sampling methods, transportation, or the analytical laboratory.

FBs are used to monitor for contamination during sampling. They can also identify contamination from transportation and analysis in associated samples. FBs are collected at a frequency of 10% of all samples collected in a 21-day sampling campaign. FBs are collected by filling sample containers in the field with deionized water to check for sources of sample contamination in the field. FBs are analyzed for the same analytical suites for which primary samples collected in the same trip are analyzed, except for HE compounds.

EQBs are used to detect any contamination resulting from contaminated equipment or poor decontamination techniques. EQBs can also be used identify contamination from transportation and analysis in associated samples. EQBs are collected before a well is sampled with nondedicated equipment (pump). EQBs are prepared by passing deionized water through unused or decontaminated sampling equipment. EQBs are analyzed for organic constituents and PFAS sampled for in the associated well, with the exception of HE compounds, which are not analyzed in EQBs.

PEBs are deionized water blanks submitted as regular samples, without any indication that they are QC samples. PEBs are used to evaluate contamination from the deionized water used to create the FBs or EQBs (if needed), from sample shipment, or from the analytical laboratory. One PEB is collected per 21-day sampling campaign. PEBs are prepared by collecting reagent-grade deionized water in a sample bottle at the end of the sampling trip and then adding the PEB to the samples for shipment to the laboratory.

FTBs consist of organic-free deionized water prepared by an independent off-site laboratory and accompany regular samples collected for VOC analyses. FTBs are used to identify potential VOC contamination that may occur during sample collection, handling, shipping, storage, or analysis and are analyzed for VOCs only. A minimum of one FTB is required per cooler containing samples for VOC analysis. However, to facilitate data validation, one FTB may be included with each sample submitted for VOC analysis.

FDs are split samples that provide information about field variation of sampling results as well as analytical laboratory variation. They may reveal poor reproducibility in sampling techniques and processes. FDs are collected at a rate of 10% of all samples collected during a sampling campaign. FDs are distributed proportionally among surface water, alluvial groundwater, and perched-intermediate/ regional groundwater according to the relative number of samples collected for each type of water.

Following sample collection, sampling personnel deliver the samples and the field collection log to sample management personnel at the N3B Sample Management Office. An analytical COC is then created, which includes the field sample identification (ID) number, the date and time of field sample collection, the analytical parameters group code, and the number of bottles for each analytical parameters group.

In addition to the field QA/QC samples, laboratory batch QA/QC samples—such as matrix spikes, duplicates, method blanks, and laboratory control samples—are analyzed to monitor laboratory analytical processes. The laboratory QA/QC process is defined in the appropriate analytical method in N3B's Exhibit D, "Scope of Work and Technical Specifications for Off-Site Analytical Laboratory Services," or in the Consent Order.

N3B data validation is performed externally from the analytical laboratory and end-users of the data. This data validation process applies a defined set of performance-based criteria to analytical data that may result in qualification of that data. Data validation provides a level of assurance, based on this technical evaluation, of the data quality. N3B validation of chemistry data includes a technical review of the analytical data package, covering the evaluation of both field and laboratory QC samples, the identification and quantitation of analytes, and the effect of QA/QC deficiencies on analytical data, as well as other factors affecting the data quality.

The analytical data are submitted by the analytical laboratory in a pdf data package format and an electronic data deliverable uploaded to the N3B Environmental Information Management (EIM) database. The data are then validated both manually and in the EIM autovalidation process, reviewed by an N3B chemist at the appropriate level, and fully transferred into EIM.

This validation follows processes described in the N3B validation procedures listed above. Validation qualifiers and reason codes applied during this process are also reviewed and approved by an N3B chemist to assess data usability. The EIM data are then made available to the public in the Intellus New Mexico database (https://intellusnm.com/).

5.2 Analytical Data

Appendix C presents the analytical results for the PMEs reported in this PMR and from the previous four sampling events if available. The data were reviewed for conformance with regulatory and N3B requirements and are reported as follows:

- For all data:
  - ❖ FD results, reanalysis results, and results of the same analytes from the same sample analyzed by different analytical methods are reported.
  - ❖ Data that are R-qualified (rejected and thus unusable because of analytical problems and/or noncompliance with QA/QC criteria during independent validation) are still reported.
  - ❖ Laboratory QA/QC results, FTB data, FB data, and PEB data are not included in the data set.
  - ❖ Data for certain target analytes from watch list wells that are not representative or are of questionable representativeness are not reported.
  - ❖ All other results are reported for all locations.

- For radionuclide data:
    - ❖ Constituents analyzed and reported for the gamma spectroscopy suite include cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22.
    - ❖ Americium-241 and uranium-235 data from chemical separation alpha spectroscopy are reported. Gamma spectroscopy results for these analytes are not presented.
    - ❖ All other radionuclide results are reported for all locations.

Multiple analyses of the same analyte in a sample, including dilutions and reanalyses, create redundant results. These multiple results for the same analyte have the same sample ID, analytical laboratory code, and analytical method. Validation determines the more accurate result, which is marked with a best-value flag of “Y” (yes). The other results for that analyte, which were validated to be of lower quality, are assigned a best-value flag of “N” (no). The best-value flag is included in Appendix C.

The analytical results for radionuclides and radioactivity are voluntarily compared with the DOE biota concentration guides for surface water and derived concentration technical standards for groundwater but are not reported in Table 5.2-1 or Appendix D.

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

Table 5.2-1 provides groundwater analytical results for specific analytical suites detected above screening values when applicable. Multiple detections are included except for FD exceedances. For example, if aluminum were detected above its screening value in both a primary sample and a field duplicate, only the primary sample result would be recorded. If aluminum were detected above its screening value in the field duplicate, but not the primary sample, then the field duplicate would be recorded.

Graphs in Appendix E display analyte concentration histories for General Surveillance monitoring group locations where the analyte was detected above the screening value at least once in the expanded data set that includes this PME as well as the four previous PMEs.

Appendix E may include instances where the analyte data are evaluated using a higher screening value than that used to evaluate previously reported analyte data. For example, the current screening value of 13.8 µg/L for perchlorate is greater than the former screening value of 4 µg/L, which was used to evaluate previously reported analyte data.

If there are exceedances of the current screening value by the data reported in this PMR, the graphs depict the current analyte screening value. If there are no exceedances of current values, but at least one exceedance of the former (lower) screening value by the previously reported analytical data, the graphs depict the former lower screening value. Magenta lines indicate the PMR reporting period. Results with a best-value flag of N are not included in Appendix E.

The analytical laboratory reports, including COC forms and data validation forms, are provided in Appendix F (on CD included with this document).

5.2.1 Groundwater

Table 5.2-1 shows that two groundwater analytical results at two locations reported in this PMR were above applicable screening values. These two screening value exceedances were for the following two2 analytes: unfiltered strontium-90 and filtered manganese.

Springs

Sacred Spring

For the October 7, 2019, sampling event at Sacred Spring, filtered manganese was detected at 374 µg/L. This concentration was above the NMWQCC groundwater standard (screening value) of 200 µg/L.

The previous range of filtered manganese concentrations detected at Sacred Spring from September 26, 2008, to October 10, 2018, was 35 µg/L to 994 µg/L.

Alluvial Monitoring Wells

MCO-5

For the July 22, 2019, sampling event at MCO-5, unfiltered strontium-90 was detected at 27.5 pCi/L, which is above the 8 pCi/L EPA MCL standard.

The previous range of unfiltered strontium-90 from August 2009, to July 2016, is 21.7 pCi/L to 45.3 pCi/L.

Intermediate Monitoring Wells

There were no exceedances detected in the intermediate monitoring wells for the PMEs reported in this PMR.

Regional Monitoring Wells

There were no exceedances detected in the regional monitoring wells for the PMEs reported in this PMR.

5.3 Sampling Program Modifications

No modifications to the currently planned periodic monitoring of the General Surveillance 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 Groundwater

Two groundwater analytical results reported in this PMR were above applicable screening values (Table 5.2-1). 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.

6.3 Data Gaps

Table 2.1-2 summarizes the deviations from the planned monitoring scope for this annual PMR.

6.4 Remediation System Monitoring

Remediation system monitoring is not applicable to the General Surveillance monitoring group, as no remediation systems are required for this monitoring group.

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 Los Alamos National Laboratory's (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.

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), March 8, 2018. "Waste Characterization Strategy Form (WCSF) for Interim Facility-Wide Groundwater Monitoring," Newport News Nuclear BWXT-Los Alamos, LLC, document N3B-EP2016-0117, Los Alamos, New Mexico. (N3B 2018, 700867)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), May 2018. "Interim Facility-Wide Groundwater Monitoring Plan for the 2019 Monitoring Year, October 2018–September 2019," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2018-0004, Los Alamos, New Mexico. (N3B 2018, 700000)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), May 2019. "Interim Facility-Wide Groundwater Monitoring Plan for the 2020 Monitoring Year, October 2019–September 2020," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2019-0156, Los Alamos, New Mexico. (N3B 2019, 700451)

NMED (New Mexico Environment Department), March 2017. "Risk Assessment Guidance for Site Investigations and Remediation, Volume 2, Soil Screening Guidance for Ecological Risk Assessments," Hazardous Waste Bureau and Ground Water Quality Bureau, Santa Fe, New Mexico. (NMED 2017, 602274)

NMED (New Mexico Environment Department), June 19, 2019. "Risk Assessment Guidance for Site Investigations and Remediation, Volume 1, Soil Screening Guidance for Human Health Risk Assessments," February 2019 (Revision 2, 6/19/19), Hazardous Waste Bureau and Ground Water Quality Bureau, Santa Fe, New Mexico. (NMED 2019, 700550)

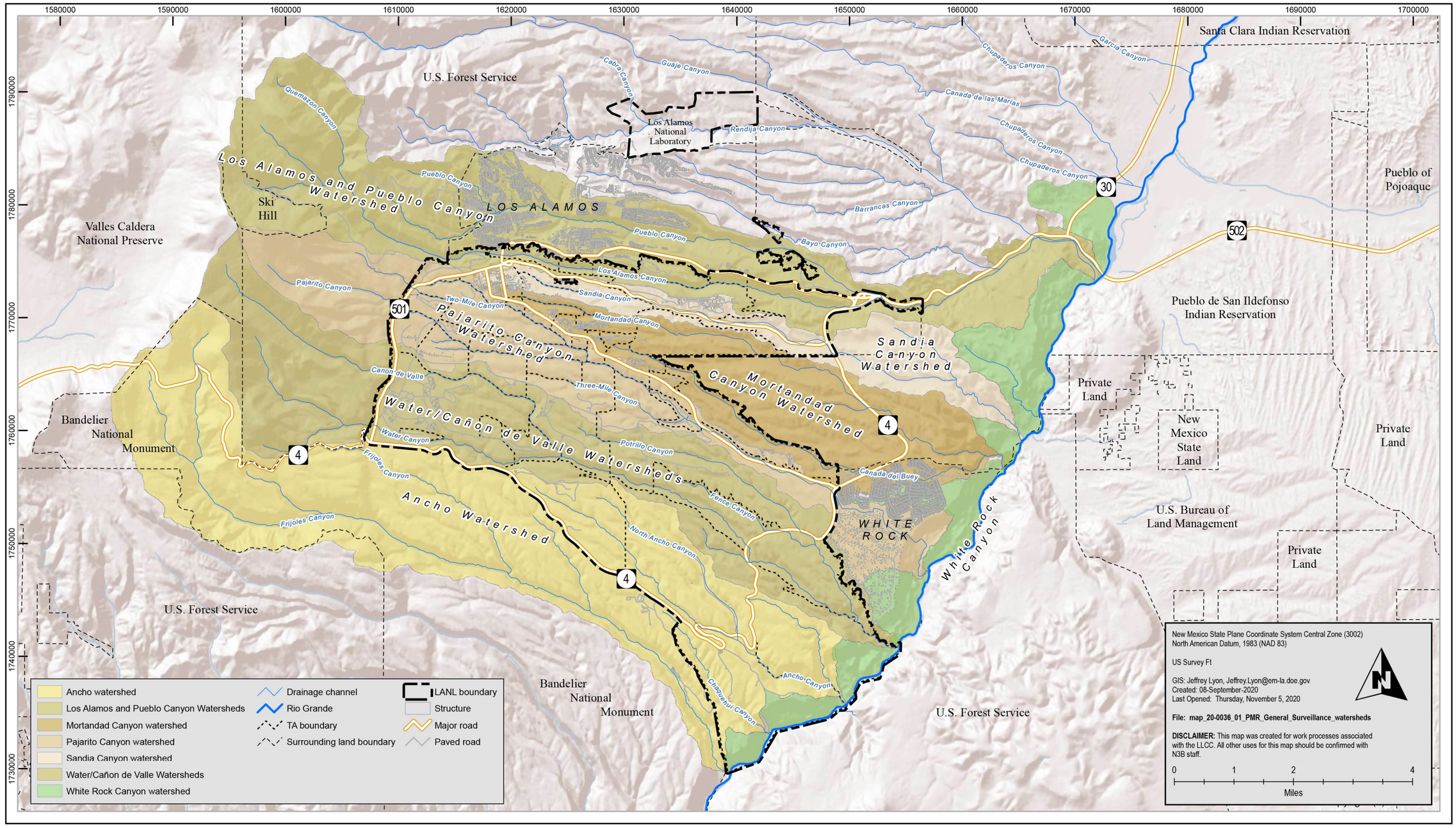


Figure 1.1-1 General Surveillance monitoring group vicinity map

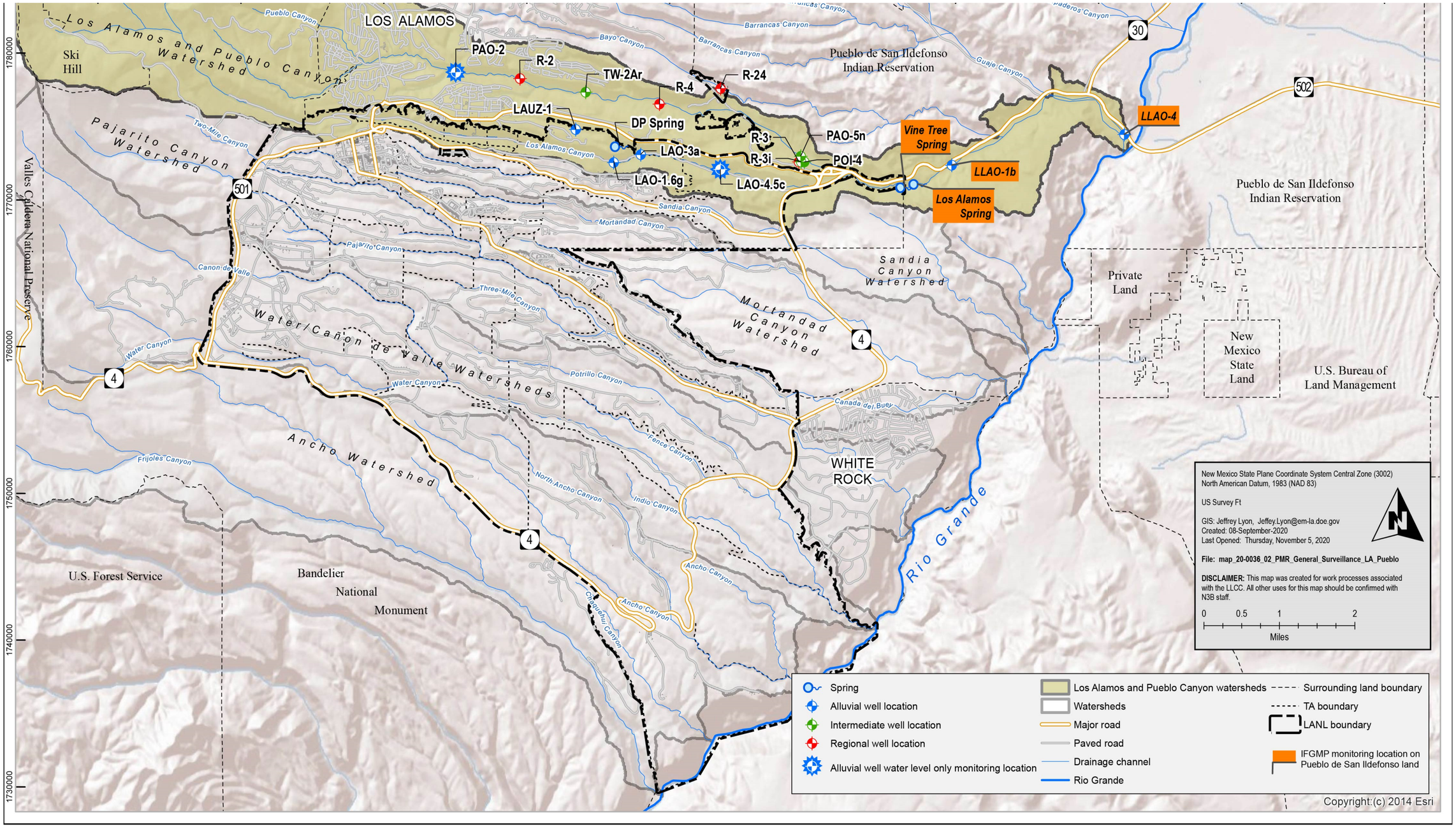


Figure 1.1-2 General Surveillance monitoring group locations in the Los Alamos and Pueblo Canyon watershed

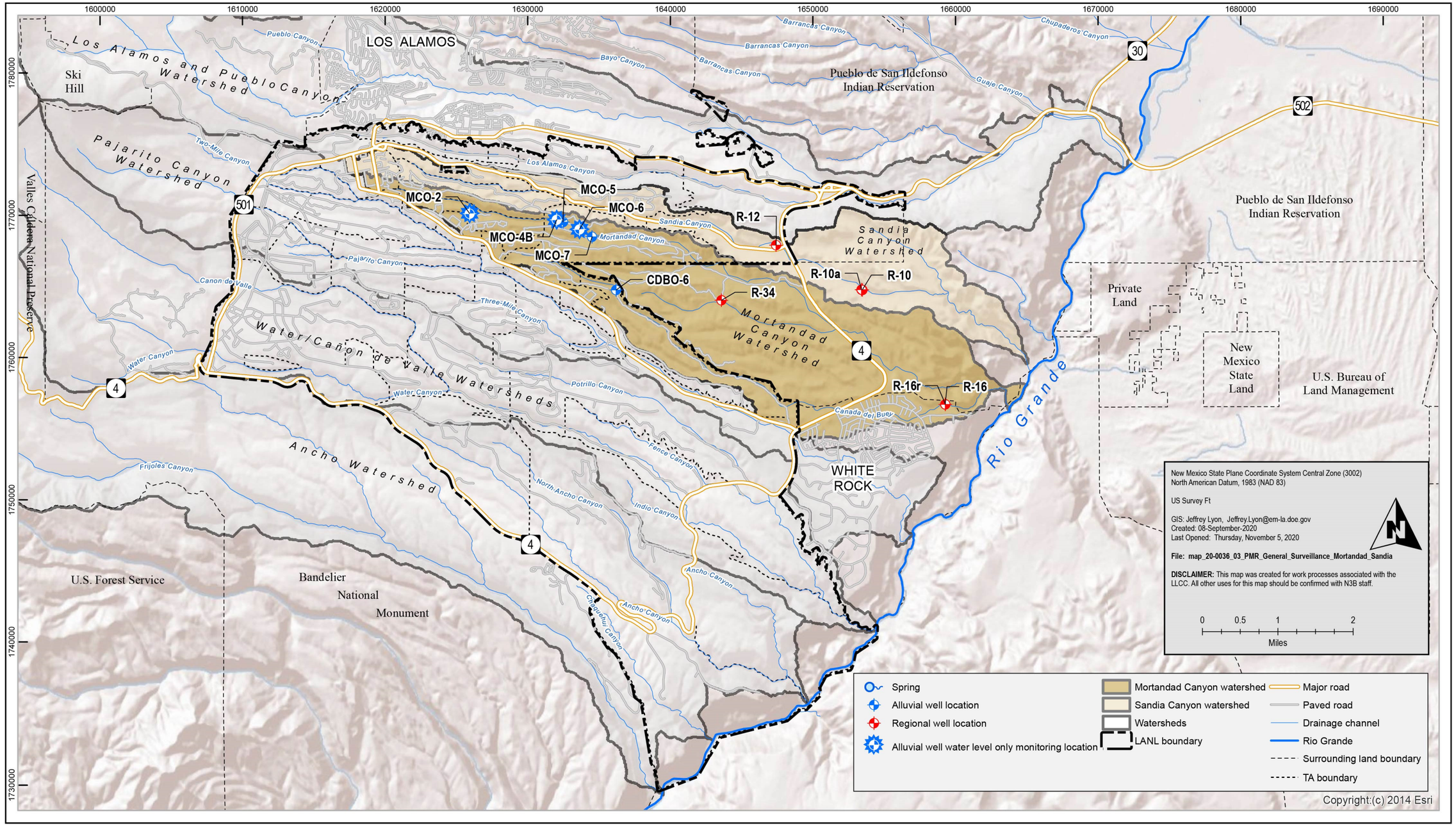


Figure 1.1-3 General Surveillance monitoring group locations in the Mortandad and Sandia Canyon watersheds

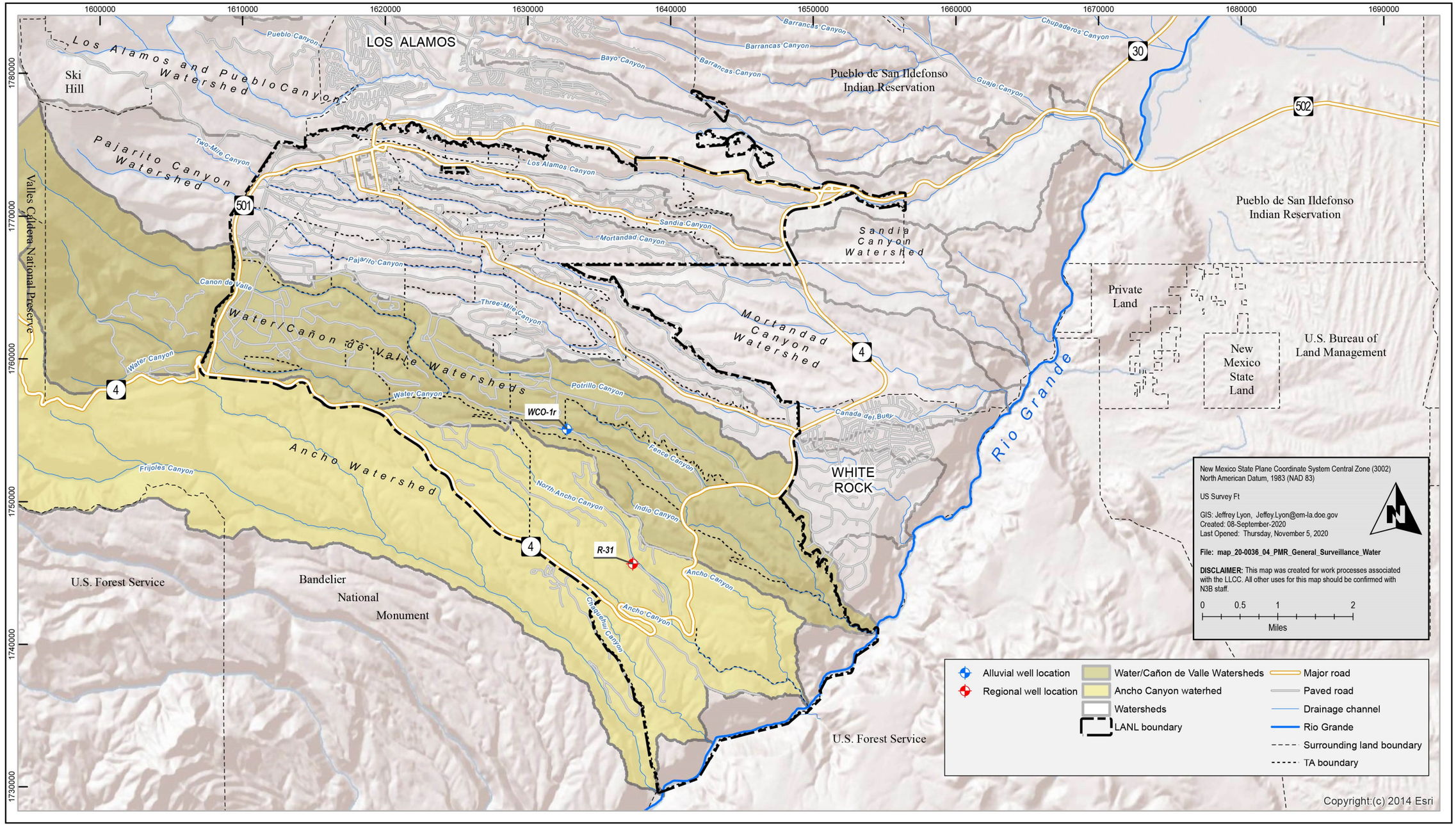


Figure 1.1-4 General Surveillance monitoring group locations in the Water Canyon/Cañon de Valle and Ancho Canyon watersheds

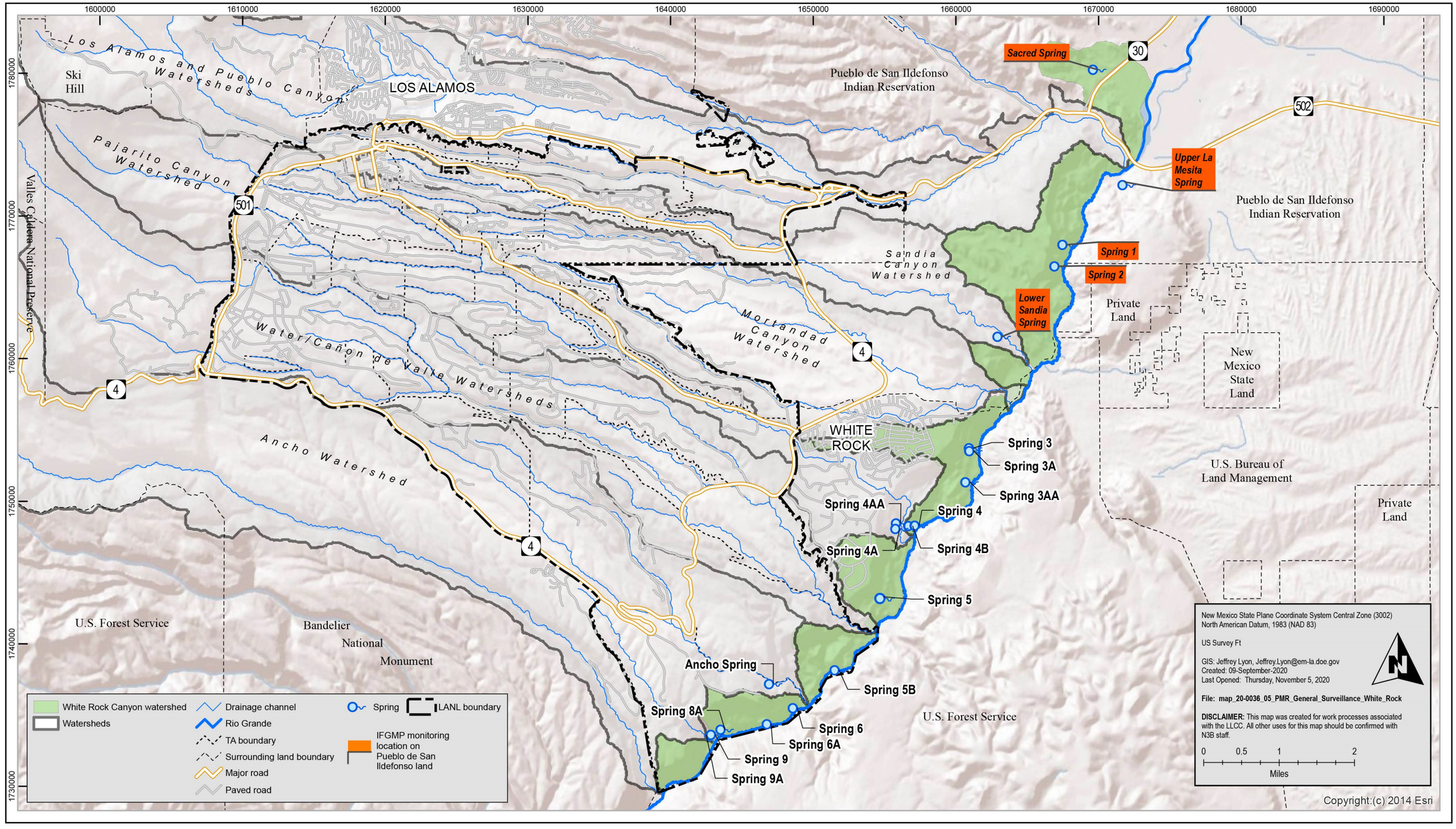


Figure 1.1-5 General Surveillance monitoring group locations in the White Rock Canyon watershed

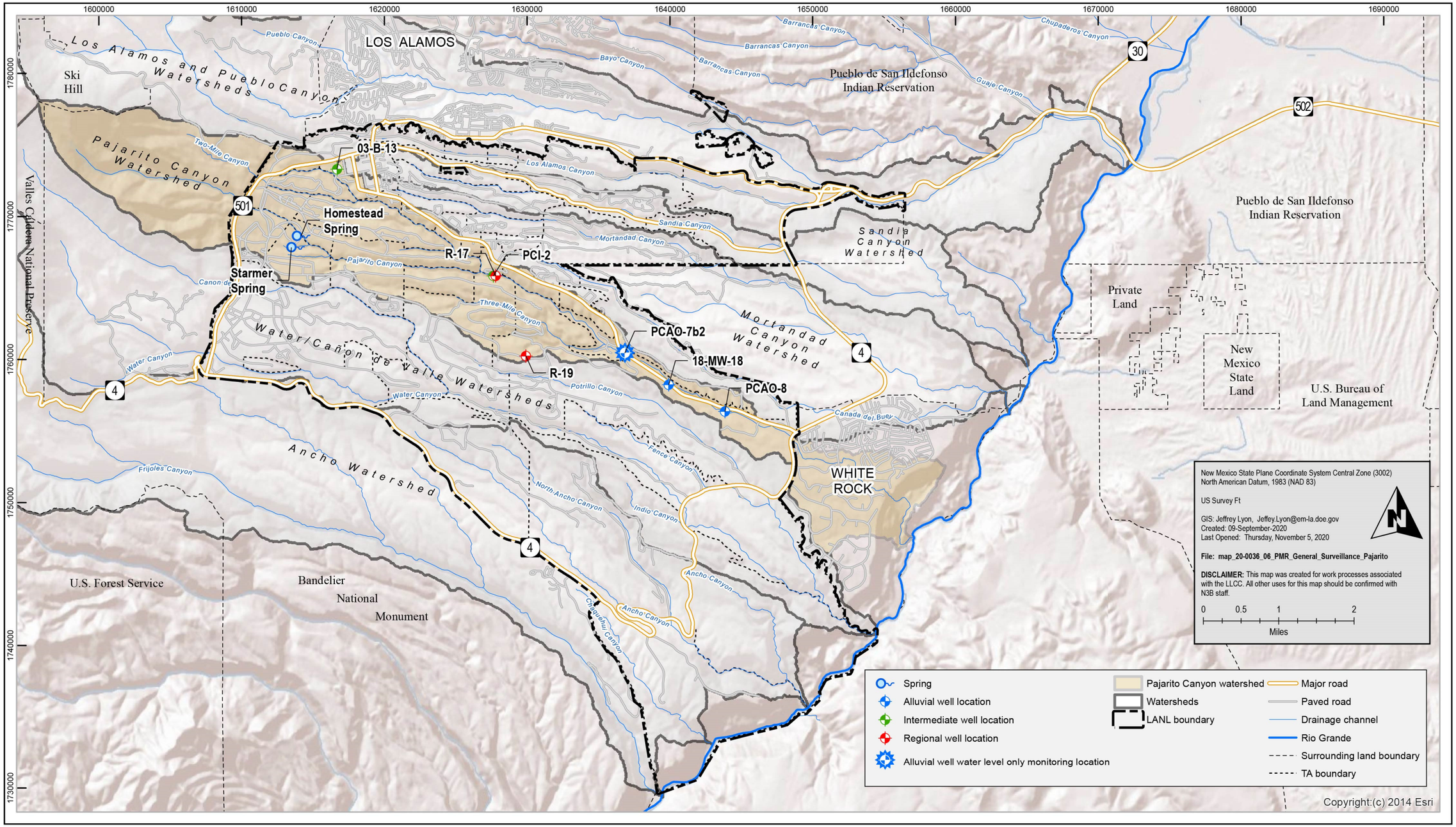


Figure 1.1-6 General Surveillance monitoring group locations in the Pajarito Canyon watershed

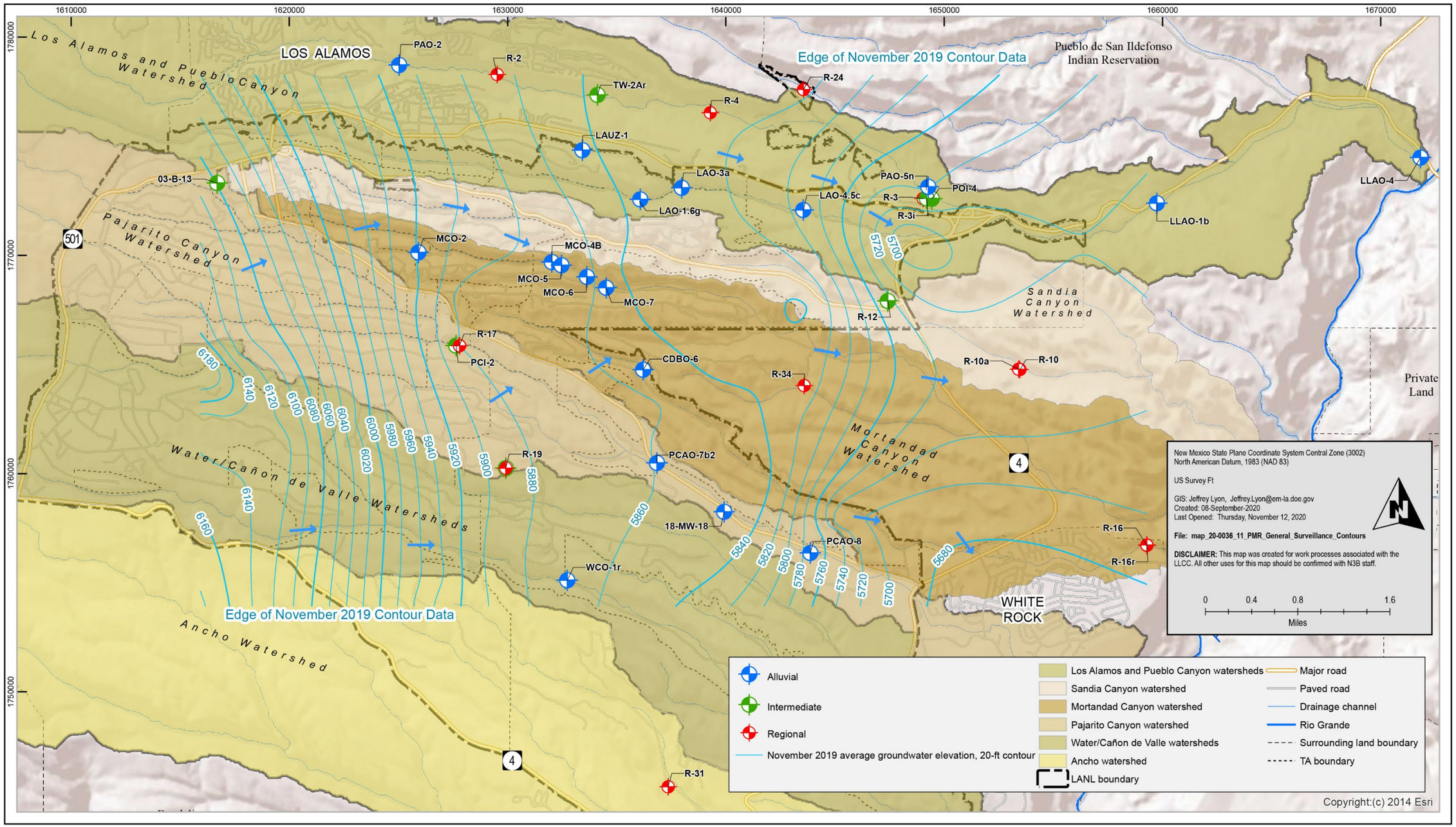


Figure 4.4-1 Regional aquifer water table map with flow direction

Table 2.0-1
General Surveillance 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							
Springs										
Ancho Spring	White Rock	2020	1	Area inaccessible: no sample collected	—[b]	—	—	—	—	—
Upper La Mesita Spring	White Rock			10/07/2019	—	—	—	—	—	0.66
Lower Sandia Spring	White Rock			10/09/2019	—	—	—	—	—	0.07
Sacred Spring	White Rock			10/07/2019	—	—	—	—	—	0.20
Spring 1	White Rock			10/08/2019	—	—	—	—	—	10.9
Spring 2	White Rock			Canceled: insufficient sample available	—	—	—	—	—	—
Spring 3	White Rock			10/01/2019	—	—	—	—	—	NC[c]
Spring 3A	White Rock			10/01/2019	—	—	—	—	—	40.39
Spring 3AA	White Rock			10/01/2019	—	—	—	—	—	0.24
Spring 4	White Rock			10/01/2019	—	—	—	—	—	26.7
Spring 4A	White Rock			10/01/2019	—	—	—	—	—	NC
Spring 4AA	White Rock			10/01/2019	—	—	—	—	—	3.49
Spring 4B	White Rock			Canceled: insufficient sample available	—	—	—	—	—	—
Spring 5	White Rock			10/02/2019	—	—	—	—	—	4.31
Spring 5B	White Rock			10/02/2019	—	—	—	—	—	0.84
Spring 6	White Rock			10/02/2019	—	—	—	—	—	0.56
Spring 6A	White Rock			10/02/2019	—	—	—	—	—	2.25
Spring 8A	White Rock			10/02/2019	—	—	—	—	—	0.87
Spring 9	White Rock			10/02/2019	—	—	—	—	—	0.53

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							
Spring 9A	White Rock	2020	1	Canceled: insufficient sample available	—	—	—	—	—	—
Vine Tree Spring	Los Alamos			12/17/2019	—	—	—	—	—	0.05
Alluvial										
CDBO-6	Mortandad	2019	4	Canceled: insufficient sample available	—	—	—	—	—	—
MCO-5	Mortandad			07/22/2019	25	21	46	8.90	10.00	0.25
MCO-7	Mortandad			07/22/2019	30	39.0	69	11.31	11.34	0.21
WCO-1r	Water			08/16/2019	10	9.17	19.17	0.82	1.26	0.09
18-MW-18	Pajarito	2020	1	10/31/2019	10.5	14.34	24.84	1.70	3.0	0.25
Intermediate										
R-12 S1[d]	Sandia	2019	4	08/29/2019	8	459	467	30.79	94.5	1.05
R-12 S2	Sandia			07/25/2019	3.5	504.5	508	53.77	288	12
03-B-13	Pajarito	2020	1	10/29/2019	10	21.22	31.22	0.78	2.45	--
PCI-2	Pajarito			10/28/2019	8	514	522	20.62	63.0	0.42
R-19 S2	Pajarito			Canceled: on-site construction for Westbay conversion	—	—	—	—	—	—

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							
Regional										
R-16 S2	Mortandad	2019	4	07/10/2019	7.5	863.4	870.9	218.11	670.0	5.00
R-16 S4	Mortandad			07/25/2019	7.6	1237.0	1244.6	44.36	216.45	3.33
R-16r	Mortandad			07/10/2019	17.6	600.0	617.6	53.86	163.5	5.45
R-10 S1	Sandia	2020	1	11/07/2019	23.0	874	897	222.28	715	14.28
R-10 S2	Sandia			11/07/2019	23.0	874	897	124.73	341.2	13.04
R-10a	Sandia			11/07/2019	10	690	700	65.20	206.8	5.17
R-31 S3	Ancho			Canceled: on-site construction for Westbay conversion	—	—	—	—	—	—
R-31 S4	Ancho			Canceled: on-site construction for Westbay conversion	—	—	—	—	—	—
R-19 S3	Pajarito	2020	1	Canceled: on-site construction for Westbay conversion	—	—	—	—	—	—
R-34	Mortandad			11/07/2019	22.9	883.7	906.7	99.47	319.7	2.78

[a] gpm = Gallons per minute.

[b] — = Not applicable.

[c] NC = Not calculated.

[d] R-12 S1 is on the watch list because of reducing conditions; all results except for tritium are coded as screening.

Table 2.1-1
General Surveillance Monitoring Group PME Observations

Monitoring Location	Watershed	Sampling Event		Observation	Cause	Comment
		MY	Quarter			
MCO-5	Mortandad	2019	4	1.12 CVs[a] purged.	n/a[b]	n/a
MCO-7	Mortandad			1.00 CVs purged.	n/a	n/a
R-16 S2	Mortandad			3.07 CVs purged.	n/a	n/a
R-16 S4	Mortandad			4.88 CVs purged.	An extra 1.88 CVs purged to allow dissolved oxygen to stabilize.	n/a
R-16r	Mortandad			3.04 CVs purged.	NA	n/a
R-12 S1	Sandia			3.07 CVs purged.	NA	n/a
R-12 S2	Sandia			5.36 CVs purged.	Extra 2.36 CVs purged to allow dissolved oxygen to stabilize.	n/a
WCO-1r	Water			1.54 CVs purged	n/a	n/a
R-10 S1	Sandia	2020	1	3.21 CVs purged.	n/a	n/a
R-10 S2	Sandia			3.14 CVs purged.	n/a	n/a
R-10a	Sandia			3.17 CVs purged.	n/a	n/a
R-34	Mortandad			3.21 CVs purged.	An extra 0.21 CVs purged for dissolved oxygen stabilization.	n/a
18-MW-18	Pajarito			1.76 CVs purged.	An extra 0.76 CV was purged for pH stabilization.	n/a
03-B-13	Pajarito			3.00 CVs purged.	Well purged dry at 3 CVs. Samples collected after recharge regardless of parameter stability.	n/a
PCI-2	Pajarito			3.06 CVs purged.	n/a	n/a

[a] CV = Casing volume.

[b] n/a = Not applicable.

Table 2.1-2
General Surveillance Monitoring Group PME Deviations

Monitoring Location	Watershed	Sampling Event		Deviation	Cause	Comment
		MY	Quarter			
CDBO-6	Mortandad	2019	4	No field or analytical data will be available for this site.	Canceled: insufficient water to sample.	n/a[a]
03-B-13	Pajarito	2020	1	Limited analytical data will be available for this site.	A prioritized suite was collected.	A prioritized suite was collected due to limited available water.
R-31 S3	Ancho			No field or analytical data will be available for this site.	Canceled: well is not installed.	Well not installed when sampling was scheduled.
R-31 S4	Ancho			No field or analytical data will be available for this site.	Canceled: well is not installed.	Well not installed when sampling was scheduled.
R-19 S2	Pajarito			No field or analytical data will be available for this site.	Canceled: ongoing construction.	Construction ongoing at well site.
R-19 S3	Pajarito			No field or analytical data will be available for this site.	Canceled: ongoing construction.	Construction ongoing at well site.
Ancho Spring	White Rock	2020	1	No field or analytical data will be available for this location.	Canceled: ongoing construction	Area inaccessible due to rattlesnake proximity.
Spring 2	White Rock			No field or analytical data will be available for this location.	Canceled: insufficient water to sample.	n/a
Spring 4B	White Rock			No field or analytical data will be available for this location	Canceled: insufficient water to sample.	n/a
Spring 9A	White Rock			No field or analytical data will be available for this location	Canceled: insufficient water to sample.	n/a
WFO[b] – All locations	Water Canyon/CdV[c]	2020	2	No field or analytical data will be available for MY 2020 Quarter 2	All locations canceled: PED issues.	All locations canceled due to PED issues.
All locations	All locations	2020	3	No field or analytical data will be available for MY 2020 Quarter 3	All locations canceled: COVID-19 pandemic.	n/a

Table 2.1-2 (continued)

Monitoring Location	Watershed	Sampling Event		Deviation	Cause	Comment
		MY	Quarter			
All sites where SVOCs are analyzed	All locations	2019 and 2020	4 and 1	The 2019 IFGMP and 2020 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze methylphenol[4-], CAS[d] 106-44-5 as part of the SVOC analytical suite by the analytical method SW-846:8270D. Instead, methylphenol[3-,4-] CAS 65794-96-9 is analyzed as part of the SVOC analytical suite by the analytical method SW-846:8270D.	Methylphenol [3-], m-cresol, CAS 108-39-4, and methylphenol[4-], p-cresol CAS 106-44-5 are not independently quantified by SW-846 analytical method 8270D. The two compounds coelute and methylphenol[3-,4-], m,p-cresols CAS 65794-96-9 are analyzed by SW-846:8270D. The result for each analyte is a combined concentration. GELC's[e] certificate of analysis identifies m,p-cresols CAS 65794-96-9 as the parameter analyzed.	NA
All sites where SVOCs are analyzed	All locations			The 2019 IFGMP and 2020 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze azobenzene, CAS 103-33-3 as part of the SVOC analytical suite by the analytical method SW-846:8270D. Instead, diphenylhydrazine[1,2-], CAS 122-66-7 is analyzed as part of the SVOC analytical suite by the analytical method SW846:8270D.	Diphenylhydrazine[1,2-] CAS 122-66-7 decomposes and cannot be separated from azobenzene CAS 103-33-3 using the SW846 analytical method 8270D. The azobenzene CAS 103-33-3 result reported is a combined concentration. GELC's certificate of analysis identifies diphenylhydrazine[1,2-] CAS 122-66-7 as the parameter analyzed.	NA

Table 2.1-2 (continued)

Monitoring Location	Watershed	Sampling Event		Deviation	Cause	Comment
		MY	Quarter			
All sites where SVOCs are analyzed	All locations	2019 and 2020	4 and 1	The 2019 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze both nitrosodiphenylamine[N-] CAS 86-30-6 and diphenylamine CAS 122-39-4 as part of the SVOC analytical suite by the analytical method SW-846:8270. Instead diphenylamine CAS 122-39-4 is analyzed as part of the SVOC analytical suite by the analytical method SW-846:8270,	Nitrosodiphenylamine[N-] CAS 86-30-6 decomposes and cannot be separated from diphenylamine CAS 122-39-4 using the SW-846 analytical method 8270D. The diphenylamine CAS 122-39-4 result reported is a combined concentration. GELC's certificate of analysis identifies diphenylamine CAS 122-39-4 as the parameter analyzed.	NA

[a] NA = Not applicable.

[b] WFO = Weapons Facilities Operations security areas.

[c] CdV = Cañon de Valle.[a]

[d] CAS = Chemical Abstract System.

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

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

Standard Type	Standard Source	Description	Groundwater
New Mexico			
Standard	20.6.2.3103 NMAC (NMWQCC groundwater standard)	Groundwater Human Health Standards, other standards for domestic water supply and standards for irrigation use	X[a]
Screening Level	NMED	Tap water screening levels[b]	X
EPA			
Standard	40 Code of Federal Regulations 141	EPA MCLs[c]	X
Risk-Human	EPA Generic Screening Levels	EPA generic screening levels for tap water[d]	X
DOE			
Standard	DOE Order 458.1	DOE 100-mrem public dose derived concentration technical standards[e]	X
Standard	DOE Order 458.1	DOE 4-mrem drinking water derived concentration technical standards[e]	X

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

[b] Screening levels derived from NMED guidance (NMED 2017, 602274; NMED 2019, 700550).

[c] EPA MCLs = EPA maximum contaminant levels (https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations).

[d] EPA generic screening levels (http://www.epa.gov/risk/risk-based-screening-table-generic-tables).

[e] DOE derived concentration technical standards (https://www.directives.doe.gov/directives-documents/400-series/0458.1-border-chg4-ltdchg).

Table 4.2-1
Target Analytes with MDLs Equal to or above Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Semivolatile Organic Compounds						
Atrazine	3–3.35	SW-846:8270D	3	µg/L	NM GW STD[a]	GELC[b]
Azobenzene	3–3.35	SW-846:8270D	1.2	µg/L	EPA TAP SCRN LVL[c]	GELC
Benzidine	3.9–4.35	SW-846:8270D	0.00109	µg/L	NMED A1 TAP SCRN LVL[d]	GELC
Benzo(a)anthracene	0.155–0.335	SW-846:8270D	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.3–0.335	SW-846:8270D	0.2	µg/L	NM GW STD	GELC
Bis(2-chloroethyl)ether	3–3.35	SW-846:8270D	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.3–0.335	SW-846:8270D	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	3–3.35	SW-846:8270D	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	3–3.35	SW-846:8270D	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	3–3.35	SW-846:8270D	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	3–3.35	SW-846:8270D	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	3–3.35	SW-846:8270D	1	µg/L	EPA MCL[e]	GELC
Hexachlorobutadiene	3–3.35	SW-846:8270D	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	3–3.35	SW-846:8270D	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	1.5–3.35	SW-846:8270D	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	3–3.35	SW-846:8270D	0.11	µg/L	EPA TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	1.61–3.57	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	0.8	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	SHEALY[f]
Nitrosodimethylamine[N-]	3–3.35	SW-846:8270D	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	1.55–3.35	SW-846:8270D	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorophenol	3–3.35	SW-846:8270D	1	µg/L	NM GW STD	GELC
Tetrachlorobenzene[1,2,4,5]	3–3.35	SW-846:8270D	1.66	µg/L	NMED A1 TAP SCRN LVL	GELC

Table 4.2-1 (continued)

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Benzo(a)anthracene	0.309	SW-846:8270C	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	2	SW-846:8270C	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	3.09	SW-846:8270C	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	0.03	SW-846:8270DGCMS_SIM	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	0.03	SW-846:8270DGCMS_SIM	0.00167	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	SW-846:8260B	0.187	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibromo-3-Chloropropane[1,2-]	0.5	SW-846:8260B	0.2	µg/L	EPA MCL	GELC
Dibromoethane[1,2-]	0.3	SW-846:8260B	0.05	µg/L	NM GW STD	GELC
Dibromomethane	0.3	SW-846:8260B	0.0747	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 and Furans						
Tetrachlorodibenzofuran[2,3,7,8-]	0.00000391	SW-846:8290A	0.00000184	µg/L	NMED A1 TAP SCRN LVL	CFA[g]

Note: This table is applicable to samples reported in this PMR and includes historical data statistics 10 years before the earliest start date in the PMR.

[a] NM GW STD = New Mexico groundwater standard.

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

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

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

[e] EPA MCL = EPA maximum contaminant level (https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations).

[f] SHEALY = Shealy Environmental Services, Inc., West Columbia, SC.

[g] CFA = Cape Fear Analytical, LLC, Wilmington, NC, Division of the GEL Group, Inc., Charleston, SC.

Table 4.2-2
Target Analytes with MDLs below Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening Value Type	Lab ID
Semivolatile Organic Compounds						
Hexachloroethane	3–3.35	SW-846:8270D	3.28	µg/L	NMED A1 TAP SCRN LVL[a]	GELC[b]
Nitrosopyrrolidine[N-]	0.26–2.1	SW-846:8270D	0.37	µg/L	NMED A1 TAP SCRN LVL	SHEALY[c]
Pentachlorobenzene	3–3.35	SW-846:8270D	3.07	µg/L	NMED A1 TAP SCRN LVL	GELC

Note: This table is applicable to samples reported in this PMR and includes historical data statistics 10 years before the earliest start date in the PMR. For this table, the lower value of the MDL range is below the screening value, while the upper value is above the screening value.

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

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

[c] SHEALY = Shealy Environmental Services, Inc., West Columbia, SC.

Table 5.2-1
General Surveillance 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							
Springs										
Sacred Spring	White Rock Canyon/ Rio Grande	2020	1	10/07/2019	Manganese	F[a]	374	µg/L	200	NMWQCC GW STD[b]
Alluvial										
MCO-5	Los Alamos	2019	4	07/22/2019	Strontium-90	UF[c]	27.5	pCi/L	8	EPA MCL[d]

[a] F = Filtered.

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

[c] UF = Unfiltered.

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

Appendix A

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

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
307707	16-26644	129.0	12/03/2019	WG[a]	Dissolved Oxygen	7.58	mg/L	CAWA-20-190732
288467	16-26644	129.0	08/07/2019	WG	Dissolved Oxygen	7.83	mg/L	CAWA-19-184002
282625	16-26644	129.0	06/10/2019	WG	Dissolved Oxygen	7.61	mg/L	CAWA-19-181312
266063	16-26644	129.0	03/07/2019	WG	Dissolved Oxygen	7.82	mg/L	CAWA-19-167563
258837	16-26644	129.0	12/04/2018	WG	Dissolved Oxygen	7.87	mg/L	CAWA-19-164499
246371	16-26644	129.0	08/23/2018	WG	Dissolved Oxygen	7.89	mg/L	CAWA-18-160293
237038	16-26644	129.0	05/29/2018	WS	Dissolved Oxygen	7.75	mg/L	CAWA-18-1
307706	16-26644	129.0	12/03/2019	WG	Flow (in gpm[b])	0.42	gpm	CAWA-20-190732
288466	16-26644	129.0	08/07/2019	WG	Flow (in gpm)	0.35	gpm	CAWA-19-184002
282624	16-26644	129.0	06/10/2019	WG	Flow (in gpm)	0.43	gpm	CAWA-19-181312
266062	16-26644	129.0	03/07/2019	WG	Flow (in gpm)	0.44	gpm	CAWA-19-167563
258836	16-26644	129.0	12/04/2018	WG	Flow (in gpm)	0.74	gpm	CAWA-19-164499
246370	16-26644	129.0	08/23/2018	WG	Flow (in gpm)	0.21	gpm	CAWA-18-160293
237037	16-26644	129.0	05/29/2018	WS	Flow (in gpm)	0.42	gpm	CAWA-18-1
307709	16-26644	129.0	12/03/2019	WG	Oxidation-Reduction Potential	126.8	mV[c]	CAWA-20-190732
288415	16-26644	129.0	08/07/2019	WG	Oxidation-Reduction Potential	208.8	mV	CAWA-19-184002
282627	16-26644	129.0	06/10/2019	WG	Oxidation-Reduction Potential	131.9	mV	CAWA-19-181312
266065	16-26644	129.0	03/07/2019	WG	Oxidation-Reduction Potential	184.0	mV	CAWA-19-167563
258839	16-26644	129.0	12/04/2018	WG	Oxidation-Reduction Potential	321.9	mV	CAWA-19-164499
246330	16-26644	129.0	08/23/2018	WG	Oxidation-Reduction Potential	136.8	mV	CAWA-18-160293
237046	16-26644	129.0	05/29/2018	WS	Oxidation-Reduction Potential	250.8	mV	CAWA-18-1
307737	16-26644	129.0	12/03/2019	WG	pH	6.9	SU[d]	CAWA-20-190732
288417	16-26644	129.0	08/07/2019	WG	pH	6.9	SU	CAWA-19-184002
282633	16-26644	129.0	06/10/2019	WG	pH	6.7	SU	CAWA-19-181312
266067	16-26644	129.0	03/07/2019	WG	pH	6.8	SU	CAWA-19-167563
258841	16-26644	129.0	12/04/2018	WG	pH	7.0	SU	CAWA-19-164499
246332	16-26644	129.0	08/23/2018	WG	pH	7.0	SU	CAWA-18-160293

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
237048	16-26644	129.0	05/29/2018	WS	pH	6.9	SU	CAWA-18-1
307739	16-26644	129.0	12/03/2019	WG	Specific Conductance	212.4	µS/cm	CAWA-20-190732
288452	16-26644	129.0	08/07/2019	WG	Specific Conductance	187.8	µS/cm	CAWA-19-184002
282629	16-26644	129.0	06/10/2019	WG	Specific Conductance	145.2	µS/cm	CAWA-19-181312
266100	16-26644	129.0	03/07/2019	WG	Specific Conductance	322.1	µS/cm	CAWA-19-167563
258818	16-26644	129.0	12/04/2018	WG	Specific Conductance	227.9	µS/cm	CAWA-19-164499
246334	16-26644	129.0	08/23/2018	WG	Specific Conductance	206.7	µS/cm	CAWA-18-160293
237050	16-26644	129.0	05/29/2018	WS	Specific Conductance	198.8	µS/cm	CAWA-18-1
307740	16-26644	129.0	12/03/2019	WG	Temperature	11.6	deg C	CAWA-20-190732
288453	16-26644	129.0	08/07/2019	WG	Temperature	12.6	deg C	CAWA-19-184002
282630	16-26644	129.0	06/10/2019	WG	Temperature	11.6	deg C	CAWA-19-181312
266101	16-26644	129.0	03/07/2019	WG	Temperature	11.5	deg C	CAWA-19-167563
258819	16-26644	129.0	12/04/2018	WG	Temperature	11.5	deg C	CAWA-19-164499
246335	16-26644	129.0	08/23/2018	WG	Temperature	13.1	deg C	CAWA-18-160293
237051	16-26644	129.0	05/29/2018	WS	Temperature	12.7	deg C	CAWA-18-1
307742	16-26644	129.0	12/03/2019	WG	Turbidity	3.2	NTU[e]	CAWA-20-190732
288418	16-26644	129.0	08/07/2019	WG	Turbidity	5.1	NTU	CAWA-19-184002
282632	16-26644	129.0	06/10/2019	WG	Turbidity	6.0	NTU	CAWA-19-181312
266103	16-26644	129.0	03/07/2019	WG	Turbidity	13.5	NTU	CAWA-19-167563
258821	16-26644	129.0	12/04/2018	WG	Turbidity	1.2	NTU	CAWA-19-164499
246373	16-26644	129.0	08/23/2018	WG	Turbidity	1.0	NTU	CAWA-18-160293
237040	16-26644	129.0	05/29/2018	WS[f]	Turbidity	7.6	NTU	CAWA-18-1
290145	Burning Ground Spring	—[g]	08/17/2019	WG	Dissolved Oxygen	8.21	mg/L	CAWA-19-183885
267449	Burning Ground Spring	—	03/16/2019	WG	Dissolved Oxygen	8.21	mg/L	CAWA-19-167526
244589	Burning Ground Spring	—	08/11/2018	WG	Dissolved Oxygen	8.32	mg/L	CAWA-18-160246
218317	Burning Ground Spring	—	02/10/2018	WG	Dissolved Oxygen	8.41	mg/L	CAWA-18-10
208285	Burning Ground Spring	—	09/01/2017	WG	Dissolved Oxygen	8.32	mg/L	CAWA-17-142892

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
290144	Burning Ground Spring	—	08/17/2019	WG	Flow (in gpm)	7.25	gpm	CAWA-19-183885
267448	Burning Ground Spring	—	03/16/2019	WG	Flow (in gpm)	30.00	gpm	CAWA-19-167526
244588	Burning Ground Spring	—	08/11/2018	WG	Flow (in gpm)	7.63	gpm	CAWA-18-160246
218316	Burning Ground Spring	—	02/10/2018	WG	Flow (in gpm)	4.28	gpm	CAWA-18-10
290149	Burning Ground Spring	—	08/17/2019	WG	pH	7.7	SU	CAWA-19-183885
267450	Burning Ground Spring	—	03/16/2019	WG	pH	7.3	SU	CAWA-19-167526
244593	Burning Ground Spring	—	08/11/2018	WG	pH	7.2	SU	CAWA-18-160246
218318	Burning Ground Spring	—	02/10/2018	WG	pH	7.6	SU	CAWA-18-10
208290	Burning Ground Spring	—	09/01/2017	WG	pH	7.2	SU	CAWA-17-142892
290146	Burning Ground Spring	—	08/17/2019	WG	Specific Conductance	174.7	µS/cm	CAWA-19-183885
267445	Burning Ground Spring	—	03/16/2019	WG	Specific Conductance	260.4	µS/cm	CAWA-19-167526
244590	Burning Ground Spring	—	08/11/2018	WG	Specific Conductance	249.2	µS/cm	CAWA-18-160246
218319	Burning Ground Spring	—	02/10/2018	WG	Specific Conductance	203.6	µS/cm	CAWA-18-10
208287	Burning Ground Spring	—	09/01/2017	WG	Specific Conductance	193.8	µS/cm	CAWA-17-142892
290147	Burning Ground Spring	—	08/17/2019	WG	Temperature	11.7	deg C	CAWA-19-183885
267446	Burning Ground Spring	—	03/16/2019	WG	Temperature	9.7	deg C	CAWA-19-167526
244591	Burning Ground Spring	—	08/11/2018	WG	Temperature	11.4	deg C	CAWA-18-160246
218320	Burning Ground Spring	—	02/10/2018	WG	Temperature	10.2	deg C	CAWA-18-10
208288	Burning Ground Spring	—	09/01/2017	WG	Temperature	13.1	deg C	CAWA-17-142892
290148	Burning Ground Spring	—	08/17/2019	WG	Turbidity	2.8	NTU	CAWA-19-183885
267447	Burning Ground Spring	—	03/16/2019	WG	Turbidity	26.1	NTU	CAWA-19-167526
244592	Burning Ground Spring	—	08/11/2018	WG	Turbidity	3.8	NTU	CAWA-18-160246
218321	Burning Ground Spring	—	02/10/2018	WG	Turbidity	2.3	NTU	CAWA-18-10
208289	Burning Ground Spring	—	09/01/2017	WG	Turbidity	1.7	NTU	CAWA-17-142892
—	CDV-16-02656	3.0	08/17/2019	WG	Dissolved Oxygen	4.46	mg/L	CAWA-19-183893
267500	CDV-16-02656	3.0	03/16/2019	WG	Dissolved Oxygen	4.69	mg/L	CAWA-19-167541
218982	CDV-16-02656	3.0	02/10/2018	WG	Dissolved Oxygen	6.66	mg/L	CAWA-18-15

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
208291	CDV-16-02656	3.0	09/01/2017	WG	Dissolved Oxygen	1.84	mg/L	CAWA-17-142894
206024	CDV-16-02656	3.0	06/02/2017	WG	Dissolved Oxygen	2.59	mg/L	CAWA-17-133281
—	CDV-16-02656	3.0	08/17/2019	WG	Flow (in gpm)	0.07	gpm	CAWA-19-183893
267499	CDV-16-02656	3.0	03/16/2019	WG	Flow (in gpm)	0.13	gpm	CAWA-19-167541
218981	CDV-16-02656	3.0	02/10/2018	WG	Flow (in gpm)	0.08	gpm	CAWA-18-15
—	CDV-16-02656	3.0	09/01/2017	WG	Flow (in gpm)	0.06	gpm	CAWA-17-142894
—	CDV-16-02656	3.0	06/02/2017	WG	Flow (in gpm)	0.13	gpm	CAWA-17-133281
290150	CDV-16-02656	3.0	08/17/2019	WG	Oxidation-Reduction Potential	211.7	mV	CAWA-19-183893
267518	CDV-16-02656	3.0	03/16/2019	WG	Oxidation-Reduction Potential	161.6	mV	CAWA-19-167541
218878	CDV-16-02656	3.0	02/10/2018	WG	Oxidation-Reduction Potential	189.9	mV	CAWA-18-15
208293	CDV-16-02656	3.0	09/01/2017	WG	Oxidation-Reduction Potential	180.2	mV	CAWA-17-142894
206026	CDV-16-02656	3.0	06/02/2017	WG	Oxidation-Reduction Potential	107.4	mV	CAWA-17-133281
290154	CDV-16-02656	3.0	08/17/2019	WG	pH	6.5	SU	CAWA-19-183893
267520	CDV-16-02656	3.0	03/16/2019	WG	pH	6.5	SU	CAWA-19-167541
218880	CDV-16-02656	3.0	02/10/2018	WG	pH	6.6	SU	CAWA-18-15
208297	CDV-16-02656	3.0	09/01/2017	WG	pH	6.5	SU	CAWA-17-142894
206030	CDV-16-02656	3.0	06/02/2017	WG	pH	6.5	SU	CAWA-17-133281
290151	CDV-16-02656	3.0	08/17/2019	WG	Specific Conductance	157.9	µS/cm	CAWA-19-183893
267521	CDV-16-02656	3.0	03/16/2019	WG	Specific Conductance	281.2	µS/cm	CAWA-19-167541
218983	CDV-16-02656	3.0	02/10/2018	WG	Specific Conductance	169.2	µS/cm	CAWA-18-15
208294	CDV-16-02656	3.0	09/01/2017	WG	Specific Conductance	185.6	µS/cm	CAWA-17-142894
206027	CDV-16-02656	3.0	06/02/2017	WG	Specific Conductance	185.8	µS/cm	CAWA-17-133281
290152	CDV-16-02656	3.0	08/17/2019	WG	Temperature	14.4	deg C	CAWA-19-183893
267522	CDV-16-02656	3.0	03/16/2019	WG	Temperature	6.5	deg C	CAWA-19-167541
218984	CDV-16-02656	3.0	02/10/2018	WG	Temperature	5.4	deg C	CAWA-18-15
208295	CDV-16-02656	3.0	09/01/2017	WG	Temperature	14.5	deg C	CAWA-17-142894
206028	CDV-16-02656	3.0	06/02/2017	WG	Temperature	10.9	deg C	CAWA-17-133281

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
290153	CDV-16-02656	3.0	08/17/2019	WG	Turbidity	15.4	NTU	CAWA-19-183893
267524	CDV-16-02656	3.0	03/16/2019	WG	Turbidity	23.0	NTU	CAWA-19-167541
218986	CDV-16-02656	3.0	02/10/2018	WG	Turbidity	8.7	NTU	CAWA-18-15
208296	CDV-16-02656	3.0	09/01/2017	WG	Turbidity	5.8	NTU	CAWA-17-142894
206029	CDV-16-02656	3.0	06/02/2017	WG	Turbidity	6.0	NTU	CAWA-17-133281
289035	CDV-16-02659	1.7	08/10/2019	WG	Dissolved Oxygen	6.05	mg/L	CAWA-19-183899
266671	CDV-16-02659	1.7	03/11/2019	WG	Dissolved Oxygen	6.53	mg/L	CAWA-19-167547
218429	CDV-16-02659	1.7	02/10/2018	WG	Dissolved Oxygen	8.25	mg/L	CAWA-18-19
208513	CDV-16-02659	1.7	09/14/2017	WG	Dissolved Oxygen	6.12	mg/L	CAWA-17-142895
206582	CDV-16-02659	1.7	06/15/2017	WG	Dissolved Oxygen	5.65	mg/L	CAWA-17-133282
289034	CDV-16-02659	1.7	08/10/2019	WG	Flow (in gpm)	0.07	gpm	CAWA-19-183899
266670	CDV-16-02659	1.7	03/11/2019	WG	Flow (in gpm)	0.09	gpm	CAWA-19-167547
218428	CDV-16-02659	1.7	02/10/2018	WG	Flow (in gpm)	0.08	gpm	CAWA-18-19
—	CDV-16-02659	1.7	09/14/2017	WG	Flow (in gpm)	0.06	gpm	CAWA-17-142895
—	CDV-16-02659	1.7	06/15/2017	WG	Flow (in gpm)	0.07	gpm	CAWA-17-133282
289037	CDV-16-02659	1.7	08/10/2019	WG	Oxidation-Reduction Potential	252.9	mV	CAWA-19-183899
266654	CDV-16-02659	1.7	03/11/2019	WG	Oxidation-Reduction Potential	202.2	mV	CAWA-19-167547
218431	CDV-16-02659	1.7	02/10/2018	WG	Oxidation-Reduction Potential	210.3	mV	CAWA-18-19
208515	CDV-16-02659	1.7	09/14/2017	WG	Oxidation-Reduction Potential	259.5	mV	CAWA-17-142895
206584	CDV-16-02659	1.7	06/15/2017	WG	Oxidation-Reduction Potential	220.1	mV	CAWA-17-133282
289077	CDV-16-02659	1.7	08/10/2019	WG	pH	6.5	SU	CAWA-19-183899
266656	CDV-16-02659	1.7	03/11/2019	WG	pH	6.7	SU	CAWA-19-167547
218433	CDV-16-02659	1.7	02/10/2018	WG	pH	6.7	SU	CAWA-18-19
208519	CDV-16-02659	1.7	09/14/2017	WG	pH	6.6	SU	CAWA-17-142895
206588	CDV-16-02659	1.7	06/15/2017	WG	pH	6.6	SU	CAWA-17-133282
289079	CDV-16-02659	1.7	08/10/2019	WG	Specific Conductance	272.8	µS/cm	CAWA-19-183899
266658	CDV-16-02659	1.7	03/11/2019	WG	Specific Conductance	248.7	µS/cm	CAWA-19-167547

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
218382	CDV-16-02659	1.7	02/10/2018	WG	Specific Conductance	229.1	µS/cm	CAWA-18-19
208516	CDV-16-02659	1.7	09/14/2017	WG	Specific Conductance	302.0	µS/cm	CAWA-17-142895
206585	CDV-16-02659	1.7	06/15/2017	WG	Specific Conductance	252.9	µS/cm	CAWA-17-133282
289080	CDV-16-02659	1.7	08/10/2019	WG	Temperature	12.0	deg C	CAWA-19-183899
266673	CDV-16-02659	1.7	03/11/2019	WG	Temperature	3.6	deg C	CAWA-19-167547
218383	CDV-16-02659	1.7	02/10/2018	WG	Temperature	6.4	deg C	CAWA-18-19
208517	CDV-16-02659	1.7	09/14/2017	WG	Temperature	13.2	deg C	CAWA-17-142895
206586	CDV-16-02659	1.7	06/15/2017	WG	Temperature	10.7	deg C	CAWA-17-133282
289082	CDV-16-02659	1.7	08/10/2019	WG	Turbidity	3.4	NTU	CAWA-19-183899
266675	CDV-16-02659	1.7	03/11/2019	WG	Turbidity	7.7	NTU	CAWA-19-167547
218385	CDV-16-02659	1.7	02/10/2018	WG	Turbidity	2.8	NTU	CAWA-18-19
208518	CDV-16-02659	1.7	09/14/2017	WG	Turbidity	1.6	NTU	CAWA-17-142895
206587	CDV-16-02659	1.7	06/15/2017	WG	Turbidity	0.8	NTU	CAWA-17-133282
302308	CdV-16-1(i)	624.0	11/01/2019	WG	Dissolved Oxygen	5.90	mg/L	CAWA-20-189352
288917	CdV-16-1(i)	624.0	08/09/2019	WG	Dissolved Oxygen	5.59	mg/L	CAWA-19-183914
280845	CdV-16-1(i)	624.0	05/31/2019	WG	Dissolved Oxygen	5.77	mg/L	CAWA-19-181315
244452	CdV-16-1(i)	624.0	08/13/2018	WG	Dissolved Oxygen	5.80	mg/L	CAWA-18-160304
220409	CdV-16-1(i)	624.0	02/16/2018	WG	Dissolved Oxygen	6.30	mg/L	CAWA-18-35
212756	CdV-16-1(i)	624.0	12/08/2017	WG	Dissolved Oxygen	6.22	mg/L	CAWA-18-148902
208532	CdV-16-1(i)	624.0	09/15/2017	WG	Dissolved Oxygen	6.15	mg/L	CAWA-17-142896
302307	CdV-16-1(i)	624.0	11/01/2019	WG	Flow (in gpm)	1.25	gpm	CAWA-20-189352
288916	CdV-16-1(i)	624.0	08/09/2019	WG	Flow (in gpm)	1.12	gpm	CAWA-19-183914
280844	CdV-16-1(i)	624.0	05/31/2019	WG	Flow (in gpm)	1.12	gpm	CAWA-19-181315
244451	CdV-16-1(i)	624.0	08/13/2018	WG	Flow (in gpm)	0.92	gpm	CAWA-18-160304
220408	CdV-16-1(i)	624.0	02/16/2018	WG	Flow (in gpm)	0.96	gpm	CAWA-18-35
212755	CdV-16-1(i)	624.0	12/08/2017	WG	Flow (in gpm)	1.06	gpm	CAWA-18-148902
—	CdV-16-1(i)	624.0	09/15/2017	WG	Flow (in gpm)	0.92	gpm	CAWA-17-142896

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
302382	CdV-16-1(i)	624.0	11/01/2019	WG	Oxidation-Reduction Potential	174.1	mV	CAWA-20-189352
288938	CdV-16-1(i)	624.0	08/09/2019	WG	Oxidation-Reduction Potential	315.4	mV	CAWA-19-183914
280786	CdV-16-1(i)	624.0	05/31/2019	WG	Oxidation-Reduction Potential	162.4	mV	CAWA-19-181315
244407	CdV-16-1(i)	624.0	08/13/2018	WG	Oxidation-Reduction Potential	241.1	mV	CAWA-18-160304
220432	CdV-16-1(i)	624.0	02/16/2018	WG	Oxidation-Reduction Potential	207.7	mV	CAWA-18-35
212758	CdV-16-1(i)	624.0	12/08/2017	WG	Oxidation-Reduction Potential	234.7	mV	CAWA-18-148902
208534	CdV-16-1(i)	624.0	09/15/2017	WG	Oxidation-Reduction Potential	302.5	mV	CAWA-17-142896
302384	CdV-16-1(i)	624.0	11/01/2019	WG	pH	6.8	SU	CAWA-20-189352
288940	CdV-16-1(i)	624.0	08/09/2019	WG	pH	6.8	SU	CAWA-19-183914
280788	CdV-16-1(i)	624.0	05/31/2019	WG	pH	6.7	SU	CAWA-19-181315
244409	CdV-16-1(i)	624.0	08/13/2018	WG	pH	6.7	SU	CAWA-18-160304
220434	CdV-16-1(i)	624.0	02/16/2018	WG	pH	6.8	SU	CAWA-18-35
212764	CdV-16-1(i)	624.0	12/08/2017	WG	pH	6.8	SU	CAWA-18-148902
208538	CdV-16-1(i)	624.0	09/15/2017	WG	pH	6.8	SU	CAWA-17-142896
302386	CdV-16-1(i)	624.0	11/01/2019	WG	Specific Conductance	179.0	µS/cm	CAWA-20-189352
288942	CdV-16-1(i)	624.0	08/09/2019	WG	Specific Conductance	178.8	µS/cm	CAWA-19-183914
280790	CdV-16-1(i)	624.0	05/31/2019	WG	Specific Conductance	182.0	µS/cm	CAWA-19-181315
244411	CdV-16-1(i)	624.0	08/13/2018	WG	Specific Conductance	179.9	µS/cm	CAWA-18-160304
220436	CdV-16-1(i)	624.0	02/16/2018	WG	Specific Conductance	178.5	µS/cm	CAWA-18-35
212760	CdV-16-1(i)	624.0	12/08/2017	WG	Specific Conductance	178.0	µS/cm	CAWA-18-148902
208535	CdV-16-1(i)	624.0	09/15/2017	WG	Specific Conductance	179.8	µS/cm	CAWA-17-142896
302387	CdV-16-1(i)	624.0	11/01/2019	WG	Temperature	11.4	deg C	CAWA-20-189352
288943	CdV-16-1(i)	624.0	08/09/2019	WG	Temperature	12.8	deg C	CAWA-19-183914
280847	CdV-16-1(i)	624.0	05/31/2019	WG	Temperature	12.5	deg C	CAWA-19-181315
244453	CdV-16-1(i)	624.0	08/13/2018	WG	Temperature	13.8	deg C	CAWA-18-160304
220437	CdV-16-1(i)	624.0	02/16/2018	WG	Temperature	8.8	deg C	CAWA-18-35
212761	CdV-16-1(i)	624.0	12/08/2017	WG	Temperature	10.2	deg C	CAWA-18-148902

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
208536	CdV-16-1(i)	624.0	09/15/2017	WG	Temperature	12.4	deg C	CAWA-17-142896
302311	CdV-16-1(i)	624.0	11/01/2019	WG	Turbidity	1.8	NTU	CAWA-20-189352
288920	CdV-16-1(i)	624.0	08/09/2019	WG	Turbidity	1.2	NTU	CAWA-19-183914
280849	CdV-16-1(i)	624.0	05/31/2019	WG	Turbidity	1.2	NTU	CAWA-19-181315
244455	CdV-16-1(i)	624.0	08/13/2018	WG	Turbidity	1.9	NTU	CAWA-18-160304
220411	CdV-16-1(i)	624.0	02/16/2018	WG	Turbidity	1.3	NTU	CAWA-18-35
212763	CdV-16-1(i)	624.0	12/08/2017	WG	Turbidity	1.2	NTU	CAWA-18-148902
208537	CdV-16-1(i)	624.0	09/15/2017	WG	Turbidity	0.8	NTU	CAWA-17-142896
309940	CdV-16-2(i)r	850.0	12/13/2019	WG	Dissolved Oxygen	6.87	mg/L	CAWA-20-190735
289373	CdV-16-2(i)r	850.0	08/12/2019	WG	Dissolved Oxygen	6.79	mg/L	CAWA-19-183917
281951	CdV-16-2(i)r	850.0	06/07/2019	WG	Dissolved Oxygen	6.87	mg/L	CAWA-19-181317
267333	CdV-16-2(i)r	850.0	03/15/2019	WG	Dissolved Oxygen	6.73	mg/L	CAWA-19-167576
259431	CdV-16-2(i)r	850.0	12/14/2018	WG	Dissolved Oxygen	6.86	mg/L	CAWA-19-164504
245144	CdV-16-2(i)r	850.0	08/17/2018	WG	Dissolved Oxygen	6.86	mg/L	CAWA-18-160308
237001	CdV-16-2(i)r	850.0	05/25/2018	WG	Dissolved Oxygen	6.58	mg/L	CAWA-18-10
309939	CdV-16-2(i)r	850.0	12/13/2019	WG	Flow (in gpm)	2.91	gpm	CAWA-20-190735
208237	CdV-16-2(i)r	850.0	08/12/2019	WG	Flow (in gpm)	2.83	gpm	CAWA-19-183917
281950	CdV-16-2(i)r	850.0	06/07/2019	WG	Flow (in gpm)	2.94	gpm	CAWA-19-181317
267332	CdV-16-2(i)r	850.0	03/15/2019	WG	Flow (in gpm)	2.94	gpm	CAWA-19-167576
259430	CdV-16-2(i)r	850.0	12/14/2018	WG	Flow (in gpm)	2.85	gpm	CAWA-19-164504
245143	CdV-16-2(i)r	850.0	08/17/2018	WG	Flow (in gpm)	2.83	gpm	CAWA-18-160308
237000	CdV-16-2(i)r	850.0	05/25/2018	WG	Flow (in gpm)	2.83	gpm	CAWA-18-10
309883	CdV-16-2(i)r	850.0	12/13/2019	WG	Oxidation-Reduction Potential	156.3	mV	CAWA-20-190735
289374	CdV-16-2(i)r	850.0	08/12/2019	WG	Oxidation-Reduction Potential	217.3	mV	CAWA-19-183917
281904	CdV-16-2(i)r	850.0	06/07/2019	WG	Oxidation-Reduction Potential	179.3	mV	CAWA-19-181317
267296	CdV-16-2(i)r	850.0	03/15/2019	WG	Oxidation-Reduction Potential	164.7	mV	CAWA-19-167576
259433	CdV-16-2(i)r	850.0	12/14/2018	WG	Oxidation-Reduction Potential	327.7	mV	CAWA-19-164504

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
245146	CdV-16-2(i)r	850.0	08/17/2018	WG	Oxidation-Reduction Potential	248.9	mV	CAWA-18-160308
237003	CdV-16-2(i)r	850.0	05/25/2018	WG	Oxidation-Reduction Potential	227.3	mV	CAWA-18-10
309885	CdV-16-2(i)r	850.0	12/13/2019	WG	pH	6.9	SU	CAWA-20-190735
289380	CdV-16-2(i)r	850.0	08/12/2019	WG	pH	6.8	SU	CAWA-19-183917
281906	CdV-16-2(i)r	850.0	06/07/2019	WG	pH	6.9	SU	CAWA-19-181317
267298	CdV-16-2(i)r	850.0	03/15/2019	WG	pH	7.1	SU	CAWA-19-167576
259437	CdV-16-2(i)r	850.0	12/14/2018	WG	pH	7.0	SU	CAWA-19-164504
245196	CdV-16-2(i)r	850.0	08/17/2018	WG	pH	6.9	SU	CAWA-18-160308
237018	CdV-16-2(i)r	850.0	05/25/2018	WG	pH	7.0	SU	CAWA-18-10
309887	CdV-16-2(i)r	850.0	12/13/2019	WG	Specific Conductance	120.8	µS/cm	CAWA-20-190735
289376	CdV-16-2(i)r	850.0	08/12/2019	WG	Specific Conductance	121.0	µS/cm	CAWA-19-183917
281952	CdV-16-2(i)r	850.0	06/07/2019	WG	Specific Conductance	121.0	µS/cm	CAWA-19-181317
267300	CdV-16-2(i)r	850.0	03/15/2019	WG	Specific Conductance	121.3	µS/cm	CAWA-19-167576
259434	CdV-16-2(i)r	850.0	12/14/2018	WG	Specific Conductance	120.7	µS/cm	CAWA-19-164504
245198	CdV-16-2(i)r	850.0	08/17/2018	WG	Specific Conductance	121.9	µS/cm	CAWA-18-160308
237020	CdV-16-2(i)r	850.0	05/25/2018	WG	Specific Conductance	122.9	µS/cm	CAWA-18-10
309942	CdV-16-2(i)r	850.0	12/13/2019	WG	Temperature	11.9	deg C	CAWA-20-190735
289377	CdV-16-2(i)r	850.0	08/12/2019	WG	Temperature	12.8	deg C	CAWA-19-183917
281953	CdV-16-2(i)r	850.0	06/07/2019	WG	Temperature	12.7	deg C	CAWA-19-181317
267311	CdV-16-2(i)r	850.0	03/15/2019	WG	Temperature	12.1	deg C	CAWA-19-167576
259435	CdV-16-2(i)r	850.0	12/14/2018	WG	Temperature	11.9	deg C	CAWA-19-164504
245199	CdV-16-2(i)r	850.0	08/17/2018	WG	Temperature	12.8	deg C	CAWA-18-160308
237021	CdV-16-2(i)r	850.0	05/25/2018	WG	Temperature	12.8	deg C	CAWA-18-10
309944	CdV-16-2(i)r	850.0	12/13/2019	WG	Turbidity	1.2	NTU	CAWA-20-190735
289379	CdV-16-2(i)r	850.0	08/12/2019	WG	Turbidity	2.3	NTU	CAWA-19-183917
281955	CdV-16-2(i)r	850.0	06/07/2019	WG	Turbidity	5.1	NTU	CAWA-19-181317
267313	CdV-16-2(i)r	850.0	03/15/2019	WG	Turbidity	2.4	NTU	CAWA-19-167576

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
259436	CdV-16-2(i)r	850.0	12/14/2018	WG	Turbidity	1.2	NTU	CAWA-19-164504
245201	CdV-16-2(i)r	850.0	08/17/2018	WG	Turbidity	0.4	NTU	CAWA-18-160308
237004	CdV-16-2(i)r	850.0	05/25/2018	WG	Turbidity	4.1	NTU	CAWA-18-10
309751	CDV-16-4ip S1	815.6	12/13/2019	WG	Dissolved Oxygen	7.08	mg/L	CAWA-20-190736
289382	CDV-16-4ip S1	815.6	08/12/2019	WG	Dissolved Oxygen	7.03	mg/L	CAWA-19-183920
280689	CDV-16-4ip S1	815.6	05/31/2019	WG	Dissolved Oxygen	7.05	mg/L	CAWA-19-181319
268408	CDV-16-4ip S1	815.6	03/15/2019	WG	Dissolved Oxygen	7.72	mg/L	CAWA-19-167582
259439	CDV-16-4ip S1	815.6	12/14/2018	WG	Dissolved Oxygen	7.39	mg/L	CAWA-19-164507
245261	CDV-16-4ip S1	815.6	08/17/2018	WG	Dissolved Oxygen	7.47	mg/L	CAWA-18-160340
237081	CDV-16-4ip S1	815.6	05/25/2018	WG	Dissolved Oxygen	7.04	mg/L	CAWA-18-13
309750	CDV-16-4ip S1	815.6	12/13/2019	WG	Flow (in gpm)	9.09	gpm	CAWA-20-190736
289381	CDV-16-4ip S1	815.6	08/12/2019	WG	Flow (in gpm)	9.09	gpm	CAWA-19-183920
280688	CDV-16-4ip S1	815.6	05/31/2019	WG	Flow (in gpm)	9.09	gpm	CAWA-19-181319
268407	CDV-16-4ip S1	815.6	03/15/2019	WG	Flow (in gpm)	7.89	gpm	CAWA-19-167582
259438	CDV-16-4ip S1	815.6	12/14/2018	WG	Flow (in gpm)	9.09	gpm	CAWA-19-164507
245260	CDV-16-4ip S1	815.6	08/17/2018	WG	Flow (in gpm)	9.38	gpm	CAWA-18-160340
237076	CDV-16-4ip S1	815.6	05/25/2018	WG	Flow (in gpm)	9.09	gpm	CAWA-18-13
309814	CDV-16-4ip S1	815.6	12/13/2019	WG	Oxidation-Reduction Potential	191.9	mV	CAWA-20-190736
289383	CDV-16-4ip S1	815.6	08/12/2019	WG	Oxidation-Reduction Potential	210.8	mV	CAWA-19-183920
280691	CDV-16-4ip S1	815.6	05/31/2019	WG	Oxidation-Reduction Potential	162.4	mV	CAWA-19-181319
268410	CDV-16-4ip S1	815.6	03/15/2019	WG	Oxidation-Reduction Potential	170.0	mV	CAWA-19-167582
259441	CDV-16-4ip S1	815.6	12/14/2018	WG	Oxidation-Reduction Potential	349.5	mV	CAWA-19-164507
245263	CDV-16-4ip S1	815.6	08/17/2018	WG	Oxidation-Reduction Potential	226.5	mV	CAWA-18-160340
237083	CDV-16-4ip S1	815.6	05/25/2018	WG	Oxidation-Reduction Potential	335.7	mV	CAWA-18-13
309816	CDV-16-4ip S1	815.6	12/13/2019	WG	pH	7.0	SU	CAWA-20-190736
289389	CDV-16-4ip S1	815.6	08/12/2019	WG	pH	7.1	SU	CAWA-19-183920
280639	CDV-16-4ip S1	815.6	05/31/2019	WG	pH	7.0	SU	CAWA-19-181319

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
268416	CDV-16-4ip S1	815.6	03/15/2019	WG	pH	7.1	SU	CAWA-19-167582
259445	CDV-16-4ip S1	815.6	12/14/2018	WG	pH	6.9	SU	CAWA-19-164507
245300	CDV-16-4ip S1	815.6	08/17/2018	WG	pH	7.0	SU	CAWA-18-160340
237085	CDV-16-4ip S1	815.6	05/25/2018	WG	pH	7.0	SU	CAWA-18-13
309818	CDV-16-4ip S1	815.6	12/13/2019	WG	Specific Conductance	123.6	µS/cm	CAWA-20-190736
289385	CDV-16-4ip S1	815.6	08/12/2019	WG	Specific Conductance	123.8	µS/cm	CAWA-19-183920
280641	CDV-16-4ip S1	815.6	05/31/2019	WG	Specific Conductance	125.5	µS/cm	CAWA-19-181319
268412	CDV-16-4ip S1	815.6	03/15/2019	WG	Specific Conductance	124.2	µS/cm	CAWA-19-167582
259442	CDV-16-4ip S1	815.6	12/14/2018	WG	Specific Conductance	123.4	µS/cm	CAWA-19-164507
245302	CDV-16-4ip S1	815.6	08/17/2018	WG	Specific Conductance	124.4	µS/cm	CAWA-18-160340
237087	CDV-16-4ip S1	815.6	05/25/2018	WG	Specific Conductance	123.9	µS/cm	CAWA-18-13
309752	CDV-16-4ip S1	815.6	12/13/2019	WG	Temperature	11.2	deg C	CAWA-20-190736
289386	CDV-16-4ip S1	815.6	08/12/2019	WG	Temperature	12.7	deg C	CAWA-19-183920
280642	CDV-16-4ip S1	815.6	05/31/2019	WG	Temperature	11.8	deg C	CAWA-19-181319
268413	CDV-16-4ip S1	815.6	03/15/2019	WG	Temperature	11.2	deg C	CAWA-19-167582
259443	CDV-16-4ip S1	815.6	12/14/2018	WG	Temperature	11.2	deg C	CAWA-19-164507
245303	CDV-16-4ip S1	815.6	08/17/2018	WG	Temperature	11.8	deg C	CAWA-18-160340
237066	CDV-16-4ip S1	815.6	05/25/2018	WG	Temperature	12.2	deg C	CAWA-18-13
309754	CDV-16-4ip S1	815.6	12/13/2019	WG	Turbidity	3.6	NTU	CAWA-20-190736
289388	CDV-16-4ip S1	815.6	08/12/2019	WG	Turbidity	1.6	NTU	CAWA-19-183920
280693	CDV-16-4ip S1	815.6	05/31/2019	WG	Turbidity	3.9	NTU	CAWA-19-181319
268415	CDV-16-4ip S1	815.6	03/15/2019	WG	Turbidity	0.8	NTU	CAWA-19-167582
259444	CDV-16-4ip S1	815.6	12/14/2018	WG	Turbidity	0.6	NTU	CAWA-19-164507
245264	CDV-16-4ip S1	815.6	08/17/2018	WG	Turbidity	0.6	NTU	CAWA-18-160340
237068	CDV-16-4ip S1	815.6	05/25/2018	WG	Turbidity	1.9	NTU	CAWA-18-13
288812	CDV-16-611923	3.2	08/09/2019	WG	Dissolved Oxygen	1.50	mg/L	CAWA-19-183901
266701	CDV-16-611923	3.2	03/11/2019	WG	Dissolved Oxygen	6.87	mg/L	CAWA-19-167550

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
244595	CDV-16-611923	3.2	08/11/2018	WG	Dissolved Oxygen	1.68	mg/L	CAWA-18-160282
220497	CDV-16-611923	3.2	02/16/2018	WG	Dissolved Oxygen	2.88	mg/L	CAWA-18-21
206339	CDV-16-611923	3.2	06/06/2017	WG	Dissolved Oxygen	0.76	mg/L	CAWA-17-133286
288811	CDV-16-611923	3.2	08/09/2019	WG	Flow (in gpm)	0.08	gpm	CAWA-19-183901
266700	CDV-16-611923	3.2	03/11/2019	WG	Flow (in gpm)	0.09	gpm	CAWA-19-167550
244594	CDV-16-611923	3.2	08/11/2018	WG	Flow (in gpm)	0.12	gpm	CAWA-18-160282
220496	CDV-16-611923	3.2	02/16/2018	WG	Flow (in gpm)	0.08	gpm	CAWA-18-21
206340	CDV-16-611923	3.2	06/06/2017	WG	Flow (in gpm)	0.14	gpm	CAWA-17-133286
288843	CDV-16-611923	3.2	08/09/2019	WG	Oxidation-Reduction Potential	185.8	mV	CAWA-19-183901
266691	CDV-16-611923	3.2	03/11/2019	WG	Oxidation-Reduction Potential	209.0	mV	CAWA-19-167550
244597	CDV-16-611923	3.2	08/11/2018	WG	Oxidation-Reduction Potential	248.3	mV	CAWA-18-160282
220529	CDV-16-611923	3.2	02/16/2018	WG	Oxidation-Reduction Potential	55.6	mV	CAWA-18-21
206341	CDV-16-611923	3.2	06/06/2017	WG	Oxidation-Reduction Potential	12.5	mV	CAWA-17-133286
288845	CDV-16-611923	3.2	08/09/2019	WG	pH	6.1	SU	CAWA-19-183901
266693	CDV-16-611923	3.2	03/11/2019	WG	pH	6.6	SU	CAWA-19-167550
244603	CDV-16-611923	3.2	08/11/2018	WG	pH	6.4	SU	CAWA-18-160282
220531	CDV-16-611923	3.2	02/16/2018	WG	pH	6.6	SU	CAWA-18-21
206345	CDV-16-611923	3.2	06/06/2017	WG	pH	6.6	SU	CAWA-17-133286
288847	CDV-16-611923	3.2	08/09/2019	WG	Specific Conductance	269.0	µS/cm	CAWA-19-183901
266712	CDV-16-611923	3.2	03/11/2019	WG	Specific Conductance	347.0	µS/cm	CAWA-19-167550
244599	CDV-16-611923	3.2	08/11/2018	WG	Specific Conductance	288.1	µS/cm	CAWA-18-160282
220499	CDV-16-611923	3.2	02/16/2018	WG	Specific Conductance	203.7	µS/cm	CAWA-18-21
206342	CDV-16-611923	3.2	06/06/2017	WG	Specific Conductance	249.4	µS/cm	CAWA-17-133286
288848	CDV-16-611923	3.2	08/09/2019	WG	Temperature	12.9	deg C	CAWA-19-183901
266713	CDV-16-611923	3.2	03/11/2019	WG	Temperature	3.7	deg C	CAWA-19-167550
244600	CDV-16-611923	3.2	08/11/2018	WG	Temperature	14.2	deg C	CAWA-18-160282
220500	CDV-16-611923	3.2	02/16/2018	WG	Temperature	5.1	deg C	CAWA-18-21

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
206343	CDV-16-611923	3.2	06/06/2017	WG	Temperature	9.6	deg C	CAWA-17-133286
288814	CDV-16-611923	3.2	08/09/2019	WG	Turbidity	5.8	NTU	CAWA-19-183901
266715	CDV-16-611923	3.2	03/11/2019	WG	Turbidity	7.0	NTU	CAWA-19-167550
244602	CDV-16-611923	3.2	08/11/2018	WG	Turbidity	16.9	NTU	CAWA-18-160282
220564	CDV-16-611923	3.2	02/16/2018	WG	Turbidity	9.5	NTU	CAWA-18-21
206344	CDV-16-611923	3.2	06/06/2017	WG	Turbidity	2.1	NTU	CAWA-17-133286
288880	CDV-16-611937	3.0	08/09/2019	WG	Dissolved Oxygen	0.50	mg/L	CAWA-19-183907
266791	CDV-16-611937	3.0	03/11/2019	WG	Dissolved Oxygen	2.31	mg/L	CAWA-19-167561
244605	CDV-16-611937	3.0	08/11/2018	WG	Dissolved Oxygen	0.46	mg/L	CAWA-18-160291
208352	CDV-16-611937	3.0	09/12/2017	WG	Dissolved Oxygen	0.76	mg/L	CAWA-17-142900
206346	CDV-16-611937	3.0	06/06/2017	WG	Dissolved Oxygen	2.51	mg/L	CAWA-17-133287
288879	CDV-16-611937	3.0	08/09/2019	WG	Flow (in gpm)	0.07	gpm	CAWA-19-183907
266790	CDV-16-611937	3.0	03/11/2019	WG	Flow (in gpm)	0.08	gpm	CAWA-19-167561
244604	CDV-16-611937	3.0	08/11/2018	WG	Flow (in gpm)	0.08	gpm	CAWA-18-160291
208353	CDV-16-611937	3.0	09/12/2017	WG	Flow (in gpm)	0.78	gpm	CAWA-17-142900
288882	CDV-16-611937	3.0	08/09/2019	WG	Oxidation-Reduction Potential	-6.2	mV	CAWA-19-183907
266793	CDV-16-611937	3.0	03/11/2019	WG	Oxidation-Reduction Potential	177.7	mV	CAWA-19-167561
244607	CDV-16-611937	3.0	08/11/2018	WG	Oxidation-Reduction Potential	-62.4	mV	CAWA-18-160291
208354	CDV-16-611937	3.0	09/12/2017	WG	Oxidation-Reduction Potential	-8.4	mV	CAWA-17-142900
206348	CDV-16-611937	3.0	06/06/2017	WG	Oxidation-Reduction Potential	143.5	mV	CAWA-17-133287
288884	CDV-16-611937	3.0	08/09/2019	WG	pH	6.1	SU	CAWA-19-183907
266799	CDV-16-611937	3.0	03/11/2019	WG	pH	5.3	SU	CAWA-19-167561
244613	CDV-16-611937	3.0	08/11/2018	WG	pH	6.6	SU	CAWA-18-160291
208358	CDV-16-611937	3.0	09/12/2017	WG	pH	6.5	SU	CAWA-17-142900
206352	CDV-16-611937	3.0	06/06/2017	WG	pH	6.1	SU	CAWA-17-133287
288862	CDV-16-611937	3.0	08/09/2019	WG	Specific Conductance	277.2	µS/cm	CAWA-19-183907
266795	CDV-16-611937	3.0	03/11/2019	WG	Specific Conductance	271.0	µS/cm	CAWA-19-167561

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
244609	CDV-16-611937	3.0	08/11/2018	WG	Specific Conductance	248.2	µS/cm	CAWA-18-160291
208355	CDV-16-611937	3.0	09/12/2017	WG	Specific Conductance	221.8	µS/cm	CAWA-17-142900
206349	CDV-16-611937	3.0	06/06/2017	WG	Specific Conductance	174.8	µS/cm	CAWA-17-133287
288863	CDV-16-611937	3.0	08/09/2019	WG	Temperature	12.2	deg C	CAWA-19-183907
266796	CDV-16-611937	3.0	03/11/2019	WG	Temperature	3.0	deg C	CAWA-19-167561
244610	CDV-16-611937	3.0	08/11/2018	WG	Temperature	11.5	deg C	CAWA-18-160291
208356	CDV-16-611937	3.0	09/12/2017	WG	Temperature	12.9	deg C	CAWA-17-142900
206350	CDV-16-611937	3.0	06/06/2017	WG	Temperature	9.4	deg C	CAWA-17-133287
288865	CDV-16-611937	3.0	08/09/2019	WG	Turbidity	6.14	NTU	CAWA-19-183907
266798	CDV-16-611937	3.0	03/11/2019	WG	Turbidity	17.3	NTU	CAWA-19-167561
244612	CDV-16-611937	3.0	08/11/2018	WG	Turbidity	6.7	NTU	CAWA-18-160291
208357	CDV-16-611937	3.0	09/12/2017	WG	Turbidity	4.9	NTU	CAWA-17-142900
206351	CDV-16-611937	3.0	06/06/2017	WG	Turbidity	35.6	NTU	CAWA-17-133287
289740	CDV-37-1(i)	632.0	08/16/2019	WG	Dissolved Oxygen	7.72	mg/L	CAWA-19-183923
268418	CDV-37-1(i)	632.0	03/15/2019	WG	Dissolved Oxygen	7.82	mg/L	CAWA-19-167591
245365	CDV-37-1(i)	632.0	08/17/2018	WG	Dissolved Oxygen	7.74	mg/L	CAWA-18-160344
218819	CDV-37-1(i)	632.0	02/09/2018	WG	Dissolved Oxygen	7.78	mg/L	CAWA-18-45
208318	CDV-37-1(i)	632.0	09/08/2017	WG	Dissolved Oxygen	7.77	mg/L	CAWA-17-142901
289739	CDV-37-1(i)	632.0	08/16/2019	WG	Flow (in gpm)	2.91	gpm	CAWA-19-183923
268417	CDV-37-1(i)	632.0	03/15/2019	WG	Flow (in gpm)	2.42	gpm	CAWA-19-167591
245364	CDV-37-1(i)	632.0	08/17/2018	WG	Flow (in gpm)	2.47	gpm	CAWA-18-160344
218818	CDV-37-1(i)	632.0	02/09/2018	WG	Flow (in gpm)	3.19	gpm	CAWA-18-45
208319	CDV-37-1(i)	632.0	09/08/2017	WG	Flow (in gpm)	2.5	gpm	CAWA-17-142901
289742	CDV-37-1(i)	632.0	08/16/2019	WG	Oxidation-Reduction Potential	150.8	mV	CAWA-19-183923
268420	CDV-37-1(i)	632.0	03/15/2019	WG	Oxidation-Reduction Potential	99.8	mV	CAWA-19-167591
245367	CDV-37-1(i)	632.0	08/17/2018	WG	Oxidation-Reduction Potential	103.7	mV	CAWA-18-160344
218821	CDV-37-1(i)	632.0	02/09/2018	WG	Oxidation-Reduction Potential	104.0	mV	CAWA-18-45

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
208320	CDV-37-1(i)	632.0	09/08/2017	WG	Oxidation-Reduction Potential	141.0	mV	CAWA-17-142901
289688	CDV-37-1(i)	632.0	08/16/2019	WG	pH	7.1	SU	CAWA-19-183923
268426	CDV-37-1(i)	632.0	03/15/2019	WG	pH	7.1	SU	CAWA-19-167591
245425	CDV-37-1(i)	632.0	08/17/2018	WG	pH	7.0	SU	CAWA-18-160344
218864	CDV-37-1(i)	632.0	02/09/2018	WG	pH	7.1	SU	CAWA-18-45
208324	CDV-37-1(i)	632.0	09/08/2017	WG	pH	6.7	SU	CAWA-17-142901
289690	CDV-37-1(i)	632.0	08/16/2019	WG	Specific Conductance	106.0	µS/cm	CAWA-19-183923
268422	CDV-37-1(i)	632.0	03/15/2019	WG	Specific Conductance	106.0	µS/cm	CAWA-19-167591
245427	CDV-37-1(i)	632.0	08/17/2018	WG	Specific Conductance	107.2	µS/cm	CAWA-18-160344
218866	CDV-37-1(i)	632.0	02/09/2018	WG	Specific Conductance	105.6	µS/cm	CAWA-18-45
208321	CDV-37-1(i)	632.0	09/08/2017	WG	Specific Conductance	107.8	µS/cm	CAWA-17-142901
289691	CDV-37-1(i)	632.0	08/16/2019	WG	Temperature	14.8	deg C	CAWA-19-183923
268423	CDV-37-1(i)	632.0	03/15/2019	WG	Temperature	12.9	deg C	CAWA-19-167591
245428	CDV-37-1(i)	632.0	08/17/2018	WG	Temperature	13.8	deg C	CAWA-18-160344
218867	CDV-37-1(i)	632.0	02/09/2018	WG	Temperature	14.0	deg C	CAWA-18-45
208322	CDV-37-1(i)	632.0	09/08/2017	WG	Temperature	13.7	deg C	CAWA-17-142901
289744	CDV-37-1(i)	632.0	08/16/2019	WG	Turbidity	0.9	NTU	CAWA-19-183923
268425	CDV-37-1(i)	632.0	03/15/2019	WG	Turbidity	5.4	NTU	CAWA-19-167591
245368	CDV-37-1(i)	632.0	08/17/2018	WG	Turbidity	4.7	NTU	CAWA-18-160344
218869	CDV-37-1(i)	632.0	02/09/2018	WG	Turbidity	3.1	NTU	CAWA-18-45
208323	CDV-37-1(i)	632.0	09/08/2017	WG	Turbidity	1.4	NTU	CAWA-17-142901
307448	CDV-9-1(i) S1	937.4	12/03/2019	WG	Dissolved Oxygen	5.89	mg/L	CAWA-20-190733
288148	CDV-9-1(i) S1	937.4	08/06/2019	WG	Dissolved Oxygen	6.73	mg/L	CAWA-19-183911
280283	CDV-9-1(i) S1	937.4	05/29/2019	WG	Dissolved Oxygen	7.04	mg/L	CAWA-19-181313
266028	CDV-9-1(i) S1	937.4	03/05/2019	WG	Dissolved Oxygen	6.51	mg/L	CAWA-19-167570
258844	CDV-9-1(i) S1	937.4	12/04/2018	WG	Dissolved Oxygen	6.47	mg/L	CAWA-19-164500
244785	CDV-9-1(i) S1	937.4	08/15/2018	WG	Dissolved Oxygen	5.87	mg/L	CAWA-18-160299

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
237101	CDV-9-1(i) S1	937.4	05/29/2018	WG	Dissolved Oxygen	5.55	mg/L	CAWA-18-6
217783	CDV-9-1(i) S1	937.4	02/06/2018	WG	Dissolved Oxygen	5.59	mg/L	CAWA-18-33
307447	CDV-9-1(i) S1	937.4	12/03/2019	WG	Flow (in gpm)	2.83	gpm	CAWA-20-190733
288147	CDV-9-1(i) S1	937.4	08/06/2019	WG	Flow (in gpm)	2.83	gpm	CAWA-19-183911
280282	CDV-9-1(i) S1	937.4	05/29/2019	WG	Flow (in gpm)	3.49	gpm	CAWA-19-181313
266027	CDV-9-1(i) S1	937.4	03/05/2019	WG	Flow (in gpm)	2.78	gpm	CAWA-19-167570
258843	CDV-9-1(i) S1	937.4	12/04/2018	WG	Flow (in gpm)	2.75	gpm	CAWA-19-164500
244784	CDV-9-1(i) S1	937.4	08/15/2018	WG	Flow (in gpm)	2.72	gpm	CAWA-18-160299
237100	CDV-9-1(i) S1	937.4	05/29/2018	WG	Flow (in gpm)	2.72	gpm	CAWA-18-6
—	CDV-9-1(i) S1	937.4	02/06/2018	WG	Flow (in gpm)	2.75	gpm	CAWA-18-33
307453	CDV-9-1(i) S1	937.4	12/03/2019	WG	Oxidation-Reduction Potential	127.3	mV	CAWA-20-190733
288150	CDV-9-1(i) S1	937.4	08/06/2019	WG	Oxidation-Reduction Potential	276.5	mV	CAWA-19-183911
280349	CDV-9-1(i) S1	937.4	05/29/2019	WG	Oxidation-Reduction Potential	160.6	mV	CAWA-19-181313
266029	CDV-9-1(i) S1	937.4	03/05/2019	WG	Oxidation-Reduction Potential	161.0	mV	CAWA-19-167570
244730	CDV-9-1(i) S1	937.4	08/15/2018	WG	Oxidation-Reduction Potential	199.3	mV	CAWA-18-160299
237103	CDV-9-1(i) S1	937.4	05/29/2018	WG	Oxidation-Reduction Potential	302.8	mV	CAWA-18-6
217785	CDV-9-1(i) S1	937.4	02/06/2018	WG	Oxidation-Reduction Potential	145.7	mV	CAWA-18-33
307455	CDV-9-1(i) S1	937.4	12/03/2019	WG	pH	6.9	SU	CAWA-20-190733
288215	CDV-9-1(i) S1	937.4	08/06/2019	WG	pH	7.0	SU	CAWA-19-183911
280351	CDV-9-1(i) S1	937.4	05/29/2019	WG	pH	6.9	SU	CAWA-19-181313
266033	CDV-9-1(i) S1	937.4	03/05/2019	WG	pH	6.9	SU	CAWA-19-167570
258851	CDV-9-1(i) S1	937.4	12/04/2018	WG	pH	7.0	SU	CAWA-19-164500
244732	CDV-9-1(i) S1	937.4	08/15/2018	WG	pH	7.0	SU	CAWA-18-160299
237124	CDV-9-1(i) S1	937.4	05/29/2018	WG	pH	6.9	SU	CAWA-18-6
217794	CDV-9-1(i) S1	937.4	02/06/2018	WG	pH	7.0	SU	CAWA-18-33
307457	CDV-9-1(i) S1	937.4	12/03/2019	WG	Specific Conductance	195.7	µS/cm	CAWA-20-190733
288217	CDV-9-1(i) S1	937.4	08/06/2019	WG	Specific Conductance	193.3	µS/cm	CAWA-19-183911

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
280353	CDV-9-1(i) S1	937.4	05/29/2019	WG	Specific Conductance	183.6	µS/cm	CAWA-19-181313
266030	CDV-9-1(i) S1	937.4	03/05/2019	WG	Specific Conductance	193.3	µS/cm	CAWA-19-167570
258847	CDV-9-1(i) S1	937.4	12/04/2018	WG	Specific Conductance	187.3	µS/cm	CAWA-19-164500
244734	CDV-9-1(i) S1	937.4	08/15/2018	WG	Specific Conductance	190.2	µS/cm	CAWA-18-160299
237126	CDV-9-1(i) S1	937.4	05/29/2018	WG	Specific Conductance	189.4	µS/cm	CAWA-18-6
217796	CDV-9-1(i) S1	937.4	02/06/2018	WG	Specific Conductance	184.4	µS/cm	CAWA-18-33
307450	CDV-9-1(i) S1	937.4	12/03/2019	WG	Temperature	13.0	deg C	CAWA-20-190733
288218	CDV-9-1(i) S1	937.4	08/06/2019	WG	Temperature	14.4	deg C	CAWA-19-183911
280354	CDV-9-1(i) S1	937.4	05/29/2019	WG	Temperature	12.8	deg C	CAWA-19-181313
266031	CDV-9-1(i) S1	937.4	03/05/2019	WG	Temperature	12.6	deg C	CAWA-19-167570
258848	CDV-9-1(i) S1	937.4	12/04/2018	WG	Temperature	11.7	deg C	CAWA-19-164500
244787	CDV-9-1(i) S1	937.4	08/15/2018	WG	Temperature	13.6	deg C	CAWA-18-160299
237127	CDV-9-1(i) S1	937.4	05/29/2018	WG	Temperature	14.1	deg C	CAWA-18-6
217797	CDV-9-1(i) S1	937.4	02/06/2018	WG	Temperature	12.9	deg C	CAWA-18-33
307452	CDV-9-1(i) S1	937.4	12/03/2019	WG	Turbidity	6.2	NTU	CAWA-20-190733
288220	CDV-9-1(i) S1	937.4	08/06/2019	WG	Turbidity	3.0	NTU	CAWA-19-183911
280286	CDV-9-1(i) S1	937.4	05/29/2019	WG	Turbidity	2.2	NTU	CAWA-19-181313
266032	CDV-9-1(i) S1	937.4	03/05/2019	WG	Turbidity	8.4	NTU	CAWA-19-167570
258850	CDV-9-1(i) S1	937.4	12/04/2018	WG	Turbidity	11.4	NTU	CAWA-19-164500
244789	CDV-9-1(i) S1	937.4	08/15/2018	WG	Turbidity	4.3	NTU	CAWA-18-160299
237104	CDV-9-1(i) S1	937.4	05/29/2018	WG	Turbidity	3.2	NTU	CAWA-18-6
217770	CDV-9-1(i) S1	937.4	02/06/2018	WG	Turbidity	1.5	NTU	CAWA-18-33
288490	CdV-R-15-3 S4	1235.1	08/07/2019	WG	Dissolved Oxygen	6.89	mg/L	CAWA-19-183948
266216	CdV-R-15-3 S4	1235.1	03/07/2019	WG	Dissolved Oxygen	6.81	mg/L	CAWA-19-167630
246215	CdV-R-15-3 S4	1235.1	08/23/2018	WG	Dissolved Oxygen	6.86	mg/L	CAWA-18-160377
221728	CdV-R-15-3 S4	1235.1	02/22/2018	WG	Dissolved Oxygen	6.90	mg/L	CAWA-18-66
208520	CdV-R-15-3 S4	1235.1	09/14/2017	WG	Dissolved Oxygen	6.83	mg/L	CAWA-17-142903

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
288489	CdV-R-15-3 S4	1235.1	08/07/2019	WG	Flow (in gpm)	6.25	gpm	CAWA-19-183948
266215	CdV-R-15-3 S4	1235.1	03/07/2019	WG	Flow (in gpm)	6.00	gpm	CAWA-19-167630
246214	CdV-R-15-3 S4	1235.1	08/23/2018	WG	Flow (in gpm)	6.00	gpm	CAWA-18-160377
221727	CdV-R-15-3 S4	1235.1	02/22/2018	WG	Flow (in gpm)	6.25	gpm	CAWA-18-66
208521	CdV-R-15-3 S4	1235.1	09/14/2017	WG	Flow (in gpm)	6.25	gpm	CAWA-17-142903
288558	CdV-R-15-3 S4	1235.1	08/07/2019	WG	Oxidation-Reduction Potential	234.5	mV	CAWA-19-183948
266168	CdV-R-15-3 S4	1235.1	03/07/2019	WG	Oxidation-Reduction Potential	152.7	mV	CAWA-19-167630
246217	CdV-R-15-3 S4	1235.1	08/23/2018	WG	Oxidation-Reduction Potential	128.9	mV	CAWA-18-160377
221679	CdV-R-15-3 S4	1235.1	02/22/2018	WG	Oxidation-Reduction Potential	141.6	mV	CAWA-18-66
208522	CdV-R-15-3 S4	1235.1	09/14/2017	WG	Oxidation-Reduction Potential	152.7	mV	CAWA-17-142903
288560	CdV-R-15-3 S4	1235.1	08/07/2019	WG	pH	8.0	SU	CAWA-19-183948
266170	CdV-R-15-3 S4	1235.1	03/07/2019	WG	pH	8.0	SU	CAWA-19-167630
246265	CdV-R-15-3 S4	1235.1	08/23/2018	WG	pH	8.0	SU	CAWA-18-160377
221681	CdV-R-15-3 S4	1235.1	02/22/2018	WG	pH	8.0	SU	CAWA-18-66
208526	CdV-R-15-3 S4	1235.1	09/14/2017	WG	pH	7.6	SU	CAWA-17-142903
288492	CdV-R-15-3 S4	1235.1	08/07/2019	WG	Specific Conductance	121.8	µS/cm	CAWA-19-183948
266172	CdV-R-15-3 S4	1235.1	03/07/2019	WG	Specific Conductance	123.0	µS/cm	CAWA-19-167630
246267	CdV-R-15-3 S4	1235.1	08/23/2018	WG	Specific Conductance	123.8	µS/cm	CAWA-18-160377
221729	CdV-R-15-3 S4	1235.1	02/22/2018	WG	Specific Conductance	122.6	µS/cm	CAWA-18-66
208523	CdV-R-15-3 S4	1235.1	09/14/2017	WG	Specific Conductance	122.9	µS/cm	CAWA-17-142903
288493	CdV-R-15-3 S4	1235.1	08/07/2019	WG	Temperature	16.4	deg C	CAWA-19-183948
266218	CdV-R-15-3 S4	1235.1	03/07/2019	WG	Temperature	16.2	deg C	CAWA-19-167630
246268	CdV-R-15-3 S4	1235.1	08/23/2018	WG	Temperature	16.7	deg C	CAWA-18-160377
221730	CdV-R-15-3 S4	1235.1	02/22/2018	WG	Temperature	15.9	deg C	CAWA-18-66
208524	CdV-R-15-3 S4	1235.1	09/14/2017	WG	Temperature	16.4	deg C	CAWA-17-142903
288530	CdV-R-15-3 S4	1235.1	08/07/2019	WG	Turbidity	1.8	NTU	CAWA-19-183948
266220	CdV-R-15-3 S4	1235.1	03/07/2019	WG	Turbidity	1.8	NTU	CAWA-19-167630

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
246270	CdV-R-15-3 S4	1235.1	08/23/2018	WG	Turbidity	3.2	NTU	CAWA-18-160377
221732	CdV-R-15-3 S4	1235.1	02/22/2018	WG	Turbidity	1.5	NTU	CAWA-18-66
208525	CdV-R-15-3 S4	1235.1	09/14/2017	WG	Turbidity	2.0	NTU	CAWA-17-142903
289012	Martin Spring	—	08/10/2019	WG	Dissolved Oxygen	7.38	mg/L	CAWA-19-183887
266253	Martin Spring	—	03/06/2019	WG	Dissolved Oxygen	7.31	mg/L	CAWA-19-167531
246137	Martin Spring	—	08/22/2018	WG	Dissolved Oxygen	7.42	mg/L	CAWA-18-160248
221745	Martin Spring	—	02/23/2018	WG	Dissolved Oxygen	7.91	mg/L	CAWA-18-11
208230	Martin Spring	—	08/29/2017	WG	Dissolved Oxygen	7.34	mg/L	CAWA-17-142905
289011	Martin Spring	—	08/10/2019	WG	Flow (in gpm)	0.83	gpm	CAWA-19-183887
266252	Martin Spring	—	03/06/2019	WG	Flow (in gpm)	8.90	gpm	CAWA-19-167531
246136	Martin Spring	—	08/22/2018	WG	Flow (in gpm)	0.44	gpm	CAWA-18-160248
221744	Martin Spring	—	02/23/2018	WG	Flow (in gpm)	0.82	gpm	CAWA-18-11
289013	Martin Spring	—	08/10/2019	WG	pH	7.8	SU	CAWA-19-183887
266254	Martin Spring	—	03/06/2019	WG	pH	7.2	SU	CAWA-19-167531
246139	Martin Spring	—	08/22/2018	WG	pH	7.4	SU	CAWA-18-160248
221740	Martin Spring	—	02/23/2018	WG	pH	6.9	SU	CAWA-18-11
208235	Martin Spring	—	08/29/2017	WG	pH	7.4	SU	CAWA-17-142905
289014	Martin Spring	—	08/10/2019	WG	Specific Conductance	319.9	µS/cm	CAWA-19-183887
266255	Martin Spring	—	03/06/2019	WG	Specific Conductance	256.1	µS/cm	CAWA-19-167531
246140	Martin Spring	—	08/22/2018	WG	Specific Conductance	332.3	µS/cm	CAWA-18-160248
221741	Martin Spring	—	02/23/2018	WG	Specific Conductance	350.8	µS/cm	CAWA-18-11
208232	Martin Spring	—	08/29/2017	WG	Specific Conductance	329.9	µS/cm	CAWA-17-142905
289015	Martin Spring	—	08/10/2019	WG	Temperature	12.7	deg C	CAWA-19-183887
266256	Martin Spring	—	03/06/2019	WG	Temperature	10.4	deg C	CAWA-19-167531
246141	Martin Spring	—	08/22/2018	WG	Temperature	12.6	deg C	CAWA-18-160248
221742	Martin Spring	—	02/23/2018	WG	Temperature	7.8	deg C	CAWA-18-11
208233	Martin Spring	—	08/29/2017	WG	Temperature	18.7	deg C	CAWA-17-142905

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
289010	Martin Spring	—	08/10/2019	WG	Turbidity	5.7	NTU	CAWA-19-183887
266257	Martin Spring	—	03/06/2019	WG	Turbidity	49.3	NTU	CAWA-19-167531
246143	Martin Spring	—	08/22/2018	WG	Turbidity	8.7	NTU	CAWA-18-160248
221743	Martin Spring	—	02/23/2018	WG	Turbidity	3.1	NTU	CAWA-18-11
208234	Martin Spring	—	08/29/2017	WG	Turbidity	6.4	NTU	CAWA-17-142905
307654	R-18	1358.0	12/04/2019	WG	Dissolved Oxygen	5.45	mg/L	CAPA-20-190754
290484	R-18	1358.0	08/21/2019	WG	Dissolved Oxygen	5.46	mg/L	CAPA-19-183950
281191	R-18	1358.0	06/04/2019	WG	Dissolved Oxygen	5.40	mg/L	CAPA-19-181349
266738	R-18	1358.0	03/12/2019	WG	Dissolved Oxygen	5.47	mg/L	CAPA-19-167675
258853	R-18	1358.0	12/05/2018	WG	Dissolved Oxygen	5.49	mg/L	CAPA-19-164817
244568	R-18	1358.0	08/14/2018	WG	Dissolved Oxygen	5.30	mg/L	CAPA-18-160409
219201	R-18	1358.0	02/13/2018	WG	Dissolved Oxygen	5.41	mg/L	CAPA-18-3
307653	R-18	1358.0	12/04/2019	WG	Flow (in gpm)	6.67	gpm	CAPA-20-190754
290483	R-18	1358.0	08/21/2019	WG	Flow (in gpm)	6.67	gpm	CAPA-19-183950
281257	R-18	1358.0	06/04/2019	WG	Flow (in gpm)	6.67	gpm	CAPA-19-181349
266767	R-18	1358.0	03/12/2019	WG	Flow (in gpm)	6.67	gpm	CAPA-19-167675
258852	R-18	1358.0	12/05/2018	WG	Flow (in gpm)	6.66	gpm	CAPA-19-164817
244567	R-18	1358.0	08/14/2018	WG	Flow (in gpm)	6.82	gpm	CAPA-18-160409
219200	R-18	1358.0	02/13/2018	WG	Flow (in gpm)	6.52	gpm	CAPA-18-3
307656	R-18	1358.0	12/04/2019	WG	Oxidation-Reduction Potential	74.0	mV	CAPA-20-190754
290422	R-18	1358.0	08/21/2019	WG	Oxidation-Reduction Potential	273.7	mV	CAPA-19-183950
281193	R-18	1358.0	06/04/2019	WG	Oxidation-Reduction Potential	105.6	mV	CAPA-19-181349
266740	R-18	1358.0	03/12/2019	WG	Oxidation-Reduction Potential	151.7	mV	CAPA-19-167675
258855	R-18	1358.0	12/05/2018	WG	Oxidation-Reduction Potential	321.6	mV	CAPA-19-164817
244570	R-18	1358.0	08/14/2018	WG	Oxidation-Reduction Potential	181.1	mV	CAPA-18-160409
219203	R-18	1358.0	02/13/2018	WG	Oxidation-Reduction Potential	137.9	mV	CAPA-18-3
307658	R-18	1358.0	12/04/2019	WG	pH	7.68	SU	CAPA-20-190754

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
290424	R-18	1358.0	08/21/2019	WG	pH	7.7	SU	CAPA-19-183950
281195	R-18	1358.0	06/04/2019	WG	pH	7.7	SU	CAPA-19-181349
266742	R-18	1358.0	03/12/2019	WG	pH	7.7	SU	CAPA-19-167675
258861	R-18	1358.0	12/05/2018	WG	pH	7.8	SU	CAPA-19-164817
244572	R-18	1358.0	08/14/2018	WG	pH	7.7	SU	CAPA-18-160409
219144	R-18	1358.0	02/13/2018	WG	pH	7.7	SU	CAPA-18-3
307623	R-18	1358.0	12/04/2019	WG	Specific Conductance	113.3	µS/cm	CAPA-20-190754
290447	R-18	1358.0	08/21/2019	WG	Specific Conductance	114.2	µS/cm	CAPA-19-183950
281259	R-18	1358.0	06/04/2019	WG	Specific Conductance	114.2	µS/cm	CAPA-19-181349
266745	R-18	1358.0	03/12/2019	WG	Specific Conductance	113.8	µS/cm	CAPA-19-167675
258857	R-18	1358.0	12/05/2018	WG	Specific Conductance	114.2	µS/cm	CAPA-19-164817
244508	R-18	1358.0	08/14/2018	WG	Specific Conductance	115.3	µS/cm	CAPA-18-160409
219146	R-18	1358.0	02/13/2018	WG	Specific Conductance	113.3	µS/cm	CAPA-18-3
307624	R-18	1358.0	12/04/2019	WG	Temperature	15.1	deg C	CAPA-20-190754
290448	R-18	1358.0	08/21/2019	WG	Temperature	16.3	deg C	CAPA-19-183950
281260	R-18	1358.0	06/04/2019	WG	Temperature	16.6	deg C	CAPA-19-181349
266746	R-18	1358.0	03/12/2019	WG	Temperature	15.6	deg C	CAPA-19-167675
258858	R-18	1358.0	12/05/2018	WG	Temperature	15.3	deg C	CAPA-19-164817
244509	R-18	1358.0	08/14/2018	WG	Temperature	16.5	deg C	CAPA-18-160409
219147	R-18	1358.0	02/13/2018	WG	Temperature	15.6	deg C	CAPA-18-3
307678	R-18	1358.0	12/04/2019	WG	Turbidity	0.5	NTU	CAPA-20-190754
290450	R-18	1358.0	08/21/2019	WG	Turbidity	0.3	NTU	CAPA-19-183950
281262	R-18	1358.0	06/04/2019	WG	Turbidity	0.2	NTU	CAPA-19-181349
266748	R-18	1358.0	03/12/2019	WG	Turbidity	0.2	NTU	CAPA-19-167675
258860	R-18	1358.0	12/05/2018	WG	Turbidity	0.2	NTU	CAPA-19-164817
244511	R-18	1358.0	08/14/2018	WG	Turbidity	0.3	NTU	CAPA-18-160409
219205	R-18	1358.0	02/13/2018	WG	Turbidity	5.1	NTU	CAPA-18-3

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
288381	R-26 S1	651.8	08/06/2019	WG	Dissolved Oxygen	6.79	mg/L	CAWA-19-183935
266042	R-26 S1	651.8	03/05/2019	WG	Dissolved Oxygen	6.76	mg/L	CAWA-19-167604
243712	R-26 S1	651.8	08/07/2018	WG	Dissolved Oxygen	6.80	mg/L	CAWA-18-160357
221368	R-26 S1	651.8	02/21/2018	WG	Dissolved Oxygen	6.77	mg/L	CAWA-18-55
208278	R-26 S1	651.8	08/31/2017	WG	Dissolved Oxygen	6.83	mg/L	CAWA-17-142916
288306	R-26 S1	651.8	08/06/2019	WG	Flow (in gpm)	3.85	gpm	CAWA-19-183935
266041	R-26 S1	651.8	03/05/2019	WG	Flow (in gpm)	3.90	gpm	CAWA-19-167604
243711	R-26 S1	651.8	08/07/2018	WG	Flow (in gpm)	3.95	gpm	CAWA-18-160357
221367	R-26 S1	651.8	02/21/2018	WG	Flow (in gpm)	4.00	gpm	CAWA-18-55
208279	R-26 S1	651.8	08/31/2017	WG	Flow (in gpm)	4.00	gpm	CAWA-17-142916
288383	R-26 S1	651.8	08/06/2019	WG	Oxidation-Reduction Potential	255.4	mV	CAWA-19-183935
266043	R-26 S1	651.8	03/05/2019	WG	Oxidation-Reduction Potential	94.5	mV	CAWA-19-167604
243714	R-26 S1	651.8	08/07/2018	WG	Oxidation-Reduction Potential	257.5	mV	CAWA-18-160357
221353	R-26 S1	651.8	02/21/2018	WG	Oxidation-Reduction Potential	132.4	mV	CAWA-18-55
208280	R-26 S1	651.8	08/31/2017	WG	Oxidation-Reduction Potential	252.2	mV	CAWA-17-142916
288385	R-26 S1	651.8	08/06/2019	WG	pH	7.5	SU	CAWA-19-183935
266049	R-26 S1	651.8	03/05/2019	WG	pH	7.6	SU	CAWA-19-167604
243716	R-26 S1	651.8	08/07/2018	WG	pH	7.5	SU	CAWA-18-160357
221355	R-26 S1	651.8	02/21/2018	WG	pH	7.5	SU	CAWA-18-55
208284	R-26 S1	651.8	08/31/2017	WG	pH	7.6	SU	CAWA-17-142916
288387	R-26 S1	651.8	08/06/2019	WG	Specific Conductance	99.0	µS/cm	CAWA-19-183935
266045	R-26 S1	651.8	03/05/2019	WG	Specific Conductance	99.2	µS/cm	CAWA-19-167604
243640	R-26 S1	651.8	08/07/2018	WG	Specific Conductance	100.5	µS/cm	CAWA-18-160357
221357	R-26 S1	651.8	02/21/2018	WG	Specific Conductance	99.3	µS/cm	CAWA-18-55
208281	R-26 S1	651.8	08/31/2017	WG	Specific Conductance	100.2	µS/cm	CAWA-17-142916
288307	R-26 S1	651.8	08/06/2019	WG	Temperature	16.1	deg C	CAWA-19-183935
266046	R-26 S1	651.8	03/05/2019	WG	Temperature	15.6	deg C	CAWA-19-167604

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
243641	R-26 S1	651.8	08/07/2018	WG	Temperature	16.4	deg C	CAWA-18-160357
221358	R-26 S1	651.8	02/21/2018	WG	Temperature	15.3	deg C	CAWA-18-55
208282	R-26 S1	651.8	08/31/2017	WG	Temperature	16.6	deg C	CAWA-17-142916
288309	R-26 S1	651.8	08/06/2019	WG	Turbidity	1.5	NTU	CAWA-19-183935
266048	R-26 S1	651.8	03/05/2019	WG	Turbidity	0.8	NTU	CAWA-19-167604
243643	R-26 S1	651.8	08/07/2018	WG	Turbidity	0.5	NTU	CAWA-18-160357
221370	R-26 S1	651.8	02/21/2018	WG	Turbidity	0.5	NTU	CAWA-18-55
208283	R-26 S1	651.8	08/31/2017	WG	Turbidity	0.5	NTU	CAWA-17-142916
307776	R-47	1322.0	12/05/2019	WG	Dissolved Oxygen	5.93	mg/L	CAWA-20-190739
290723	R-47	1322.0	08/20/2019	WG	Dissolved Oxygen	6.07	mg/L	CAWA-19-183945
280243	R-47	1322.0	05/28/2019	WG	Dissolved Oxygen	5.94	mg/L	CAWA-19-181324
265957	R-47	1322.0	03/06/2019	WG	Dissolved Oxygen	6.07	mg/L	CAWA-19-167619
258863	R-47	1322.0	12/06/2018	WG	Dissolved Oxygen	6.18	mg/L	CAWA-19-164762
244982	R-47	1322.0	08/16/2018	WG	Dissolved Oxygen	6.08	mg/L	CAWA-18-160372
237987	R-47	1322.0	06/06/2018	WG	Dissolved Oxygen	6.11	mg/L	CAWA-18-22
219052	R-47	1322.0	02/13/2018	WG	Dissolved Oxygen	6.26	mg/L	CAWA-18-63
307775	R-47	1322.0	12/05/2019	WG	Flow (in gpm)	3.84	gpm	CAWA-20-190739
—	R-47	1322.0	08/20/2019	WG	Flow (in gpm)	3.80	gpm	CAWA-19-183945
280242	R-47	1322.0	05/28/2019	WG	Flow (in gpm)	3.80	gpm	CAWA-19-181324
265956	R-47	1322.0	03/06/2019	WG	Flow (in gpm)	3.85	gpm	CAWA-19-167619
—	R-47	1322.0	12/06/2018	WG	Flow (in gpm)	3.84	gpm	CAWA-19-164762
244981	R-47	1322.0	08/16/2018	WG	Flow (in gpm)	3.85	gpm	CAWA-18-160372
237986	R-47	1322.0	06/06/2018	WG	Flow (in gpm)	3.90	gpm	CAWA-18-22
219051	R-47	1322.0	02/13/2018	WG	Flow (in gpm)	3.95	gpm	CAWA-18-63
307778	R-47	1322.0	12/05/2019	WG	Oxidation-Reduction Potential	195.5	mV	CAWA-20-190739
290725	R-47	1322.0	08/20/2019	WG	Oxidation-Reduction Potential	304.5	mV	CAWA-19-183945
280183	R-47	1322.0	05/28/2019	WG	Oxidation-Reduction Potential	168.6	mV	CAWA-19-181324

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
266008	R-47	1322.0	03/06/2019	WG	Oxidation-Reduction Potential	296.5	mV	CAWA-19-167619
258865	R-47	1322.0	12/06/2018	WG	Oxidation-Reduction Potential	358.8	mV	CAWA-19-164762
244984	R-47	1322.0	08/16/2018	WG	Oxidation-Reduction Potential	189.5	mV	CAWA-18-160372
237989	R-47	1322.0	06/06/2018	WG	Oxidation-Reduction Potential	199.9	mV	CAWA-18-22
219054	R-47	1322.0	02/13/2018	WG	Oxidation-Reduction Potential	195.6	mV	CAWA-18-63
307843	R-47	1322.0	12/05/2019	WG	pH	7.0	SU	CAWA-20-190739
290731	R-47	1322.0	08/20/2019	WG	pH	7.0	SU	CAWA-19-183945
280185	R-47	1322.0	05/28/2019	WG	pH	7.0	SU	CAWA-19-181324
266010	R-47	1322.0	03/06/2019	WG	pH	7.1	SU	CAWA-19-167619
258869	R-47	1322.0	12/06/2018	WG	pH	7.1	SU	CAWA-19-164762
244914	R-47	1322.0	08/16/2018	WG	pH	7.0	SU	CAWA-18-160372
237974	R-47	1322.0	06/06/2018	WG	pH	7.0	SU	CAWA-18-22
219040	R-47	1322.0	02/13/2018	WG	pH	7.2	SU	CAWA-18-63
307845	R-47	1322.0	12/05/2019	WG	Specific Conductance	106.2	µS/cm	CAWA-20-190739
290727	R-47	1322.0	08/20/2019	WG	Specific Conductance	107.1	µS/cm	CAWA-19-183945
280187	R-47	1322.0	05/28/2019	WG	Specific Conductance	108.5	µS/cm	CAWA-19-181324
266012	R-47	1322.0	03/06/2019	WG	Specific Conductance	107.1	µS/cm	CAWA-19-167619
258866	R-47	1322.0	12/06/2018	WG	Specific Conductance	107.4	µS/cm	CAWA-19-164762
244916	R-47	1322.0	08/16/2018	WG	Specific Conductance	108.9	µS/cm	CAWA-18-160372
237976	R-47	1322.0	06/06/2018	WG	Specific Conductance	108.4	µS/cm	CAWA-18-22
219042	R-47	1322.0	02/13/2018	WG	Specific Conductance	107.4	µS/cm	CAWA-18-63
307846	R-47	1322.0	12/05/2019	WG	Temperature	13.2	deg C	CAWA-20-190739
290728	R-47	1322.0	08/20/2019	WG	Temperature	14.7	deg C	CAWA-19-183945
280245	R-47	1322.0	05/28/2019	WG	Temperature	14.1	deg C	CAWA-19-181324
266013	R-47	1322.0	03/06/2019	WG	Temperature	13.9	deg C	CAWA-19-167619
258867	R-47	1322.0	12/06/2018	WG	Temperature	13.9	deg C	CAWA-19-164762
244917	R-47	1322.0	08/16/2018	WG	Temperature	15.1	deg C	CAWA-18-160372

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
237977	R-47	1322.0	06/06/2018	WG	Temperature	15.2	deg C	CAWA-18-22
219043	R-47	1322.0	02/13/2018	WG	Temperature	14.1	deg C	CAWA-18-63
307848	R-47	1322.0	12/05/2019	WG	Turbidity	0.8	NTU	CAWA-20-190739
290730	R-47	1322.0	08/20/2019	WG	Turbidity	0.8	NTU	CAWA-19-183945
280247	R-47	1322.0	05/28/2019	WG	Turbidity	0.9	NTU	CAWA-19-181324
265959	R-47	1322.0	03/06/2019	WG	Turbidity	4.8	NTU	CAWA-19-167619
258868	R-47	1322.0	12/06/2018	WG	Turbidity	1.2	NTU	CAWA-19-164762
244986	R-47	1322.0	08/16/2018	WG	Turbidity	1.3	NTU	CAWA-18-160372
237991	R-47	1322.0	06/06/2018	WG	Turbidity	1.0	NTU	CAWA-18-22
219099	R-47	1322.0	02/13/2018	WG	Turbidity	1.4	NTU	CAWA-18-63
308553	R-47i	840.0	12/11/2019	WG	Dissolved Oxygen	6.66	mg/L	CAWA-20-190738
290060	R-47i	840.0	08/19/2019	WG	Dissolved Oxygen	6.34	mg/L	CAWA-19-183937
280976	R-47i	840.0	06/03/2019	WG	Dissolved Oxygen	6.34	mg/L	CAWA-19-181322
268566	R-47i	840.0	03/25/2019	WG	Dissolved Oxygen	6.21	mg/L	CAWA-19-167609
258871	R-47i	840.0	12/06/2018	WG	Dissolved Oxygen	6.48	mg/L	CAWA-19-164759
246176	R-47i	840.0	08/22/2018	WG	Dissolved Oxygen	6.49	mg/L	CAWA-18-160368
218261	R-47i	840.0	02/08/2018	WG	Dissolved Oxygen	6.27	mg/L	CAWA-18-57
308552	R-47i	840.0	12/11/2019	WG	Flow (in gpm)	0.62	gpm	CAWA-20-190738
290059	R-47i	840.0	08/19/2019	WG	Flow (in gpm)	0.82	gpm	CAWA-19-183937
280975	R-47i	840.0	06/03/2019	WG	Flow (in gpm)	0.78	gpm	CAWA-19-181322
268565	R-47i	840.0	03/25/2019	WG	Flow (in gpm)	0.62	gpm	CAWA-19-167609
258870	R-47i	840.0	12/06/2018	WG	Flow (in gpm)	0.89	gpm	CAWA-19-164759
246175	R-47i	840.0	08/22/2018	WG	Flow (in gpm)	0.64	gpm	CAWA-18-160368
218260	R-47i	840.0	02/08/2018	WG	Flow (in gpm)	0.80	gpm	CAWA-18-57
308555	R-47i	840.0	12/11/2019	WG	Oxidation-Reduction Potential	153.1	mV	CAWA-20-190738
290125	R-47i	840.0	08/19/2019	WG	Oxidation-Reduction Potential	321.3	mV	CAWA-19-183937
280978	R-47i	840.0	06/03/2019	WG	Oxidation-Reduction Potential	187.3	mV	CAWA-19-181322

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
268568	R-47i	840.0	03/25/2019	WG	Oxidation-Reduction Potential	195.6	mV	CAWA-19-167609
258872	R-47i	840.0	12/06/2018	WG	Oxidation-Reduction Potential	353.7	mV	CAWA-19-164759
246178	R-47i	840.0	08/22/2018	WG	Oxidation-Reduction Potential	220.6	mV	CAWA-18-160368
218309	R-47i	840.0	02/08/2018	WG	Oxidation-Reduction Potential	217.0	mV	CAWA-18-57
308601	R-47i	840.0	12/11/2019	WG	pH	7.2	SU	CAWA-20-190738
290127	R-47i	840.0	08/19/2019	WG	pH	7.2	SU	CAWA-19-183937
280980	R-47i	840.0	06/03/2019	WG	pH	7.2	SU	CAWA-19-181322
268574	R-47i	840.0	03/25/2019	WG	pH	6.9	SU	CAWA-19-167609
258878	R-47i	840.0	12/06/2018	WG	pH	7.2	SU	CAWA-19-164759
246157	R-47i	840.0	08/22/2018	WG	pH	6.8	SU	CAWA-18-160368
218311	R-47i	840.0	02/08/2018	WG	pH	7.3	SU	CAWA-18-57
308603	R-47i	840.0	12/11/2019	WG	Specific Conductance	115.4	µS/cm	CAWA-20-190738
290136	R-47i	840.0	08/19/2019	WG	Specific Conductance	117.5	µS/cm	CAWA-19-183937
280933	R-47i	840.0	06/03/2019	WG	Specific Conductance	116.7	µS/cm	CAWA-19-181322
268570	R-47i	840.0	03/25/2019	WG	Specific Conductance	116.1	µS/cm	CAWA-19-167609
258874	R-47i	840.0	12/06/2018	WG	Specific Conductance	118.5	µS/cm	CAWA-19-164759
246159	R-47i	840.0	08/22/2018	WG	Specific Conductance	119.5	µS/cm	CAWA-18-160368
218313	R-47i	840.0	02/08/2018	WG	Specific Conductance	118.6	µS/cm	CAWA-18-57
308604	R-47i	840.0	12/11/2019	WG	Temperature	12.4	deg C	CAWA-20-190738
290061	R-47i	840.0	08/19/2019	WG	Temperature	17.0	deg C	CAWA-19-183937
280934	R-47i	840.0	06/03/2019	WG	Temperature	16.1	deg C	CAWA-19-181322
268571	R-47i	840.0	03/25/2019	WG	Temperature	14.6	deg C	CAWA-19-167609
258875	R-47i	840.0	12/06/2018	WG	Temperature	13.6	deg C	CAWA-19-164759
246160	R-47i	840.0	08/22/2018	WG	Temperature	14.9	deg C	CAWA-18-160368
218314	R-47i	840.0	02/08/2018	WG	Temperature	14.4	deg C	CAWA-18-57
308556	R-47i	840.0	12/11/2019	WG	Turbidity	0.8	NTU	CAWA-20-190738
290063	R-47i	840.0	08/19/2019	WG	Turbidity	0.9	NTU	CAWA-19-183937

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
280936	R-47i	840.0	06/03/2019	WG	Turbidity	0.8	NTU	CAWA-19-181322
268573	R-47i	840.0	03/25/2019	WG	Turbidity	0.8	NTU	CAWA-19-167609
258877	R-47i	840.0	12/06/2018	WG	Turbidity	0.8	NTU	CAWA-19-164759
246180	R-47i	840.0	08/22/2018	WG	Turbidity	2.5	NTU	CAWA-18-160368
218263	R-47i	840.0	02/08/2018	WG	Turbidity	0.6	NTU	CAWA-18-57
307922	R-48	1500.0	12/06/2019	WG	Dissolved Oxygen	7.02	mg/L	CAWA-20-190741
289672	R-48	1500.0	08/13/2019	WG	Dissolved Oxygen	7.09	mg/L	CAWA-19-183979
281134	R-48	1500.0	06/03/2019	WG	Dissolved Oxygen	6.61	mg/L	CAWA-19-181328
267620	R-48	1500.0	03/18/2019	WG	Dissolved Oxygen	8.33	mg/L	CAWA-19-167637
275214	R-48	1500.0	12/12/2018	WG	Dissolved Oxygen	6.77	mg/L	CAWA-19-164771
245501	R-48	1500.0	08/20/2018	WG	Dissolved Oxygen	7.25	mg/L	CAWA-18-160383
218114	R-48	1500.0	02/07/2018	WG	Dissolved Oxygen	7.05	mg/L	CAWA-18-71
307921	R-48	1500.0	12/06/2019	WG	Flow (in gpm)	6.12	gpm	CAWA-20-190741
—	R-48	1500.0	08/13/2019	WG	Flow (in gpm)	5.88	gpm	CAWA-19-183979
281133	R-48	1500.0	06/03/2019	WG	Flow (in gpm)	6.00	gpm	CAWA-19-181328
267619	R-48	1500.0	03/18/2019	WG	Flow (in gpm)	6.12	gpm	CAWA-19-167637
275213	R-48	1500.0	12/12/2018	WG	Flow (in gpm)	6.12	gpm	CAWA-19-164771
245500	R-48	1500.0	08/20/2018	WG	Flow (in gpm)	6.00	gpm	CAWA-18-160383
218113	R-48	1500.0	02/07/2018	WG	Flow (in gpm)	6.12	gpm	CAWA-18-71
308002	R-48	1500.0	12/06/2019	WG	Oxidation-Reduction Potential	154.0	mV	CAWA-20-190741
289674	R-48	1500.0	08/13/2019	WG	Oxidation-Reduction Potential	297.0	mV	CAWA-19-183979
281136	R-48	1500.0	06/03/2019	WG	Oxidation-Reduction Potential	141.6	mV	CAWA-19-181328
267622	R-48	1500.0	03/18/2019	WG	Oxidation-Reduction Potential	187.1	mV	CAWA-19-167637
275216	R-48	1500.0	12/12/2018	WG	Oxidation-Reduction Potential	343.4	mV	CAWA-19-164771
245503	R-48	1500.0	08/20/2018	WG	Oxidation-Reduction Potential	166.0	mV	CAWA-18-160383
218160	R-48	1500.0	02/07/2018	WG	Oxidation-Reduction Potential	168.1	mV	CAWA-18-71
308004	R-48	1500.0	12/06/2019	WG	pH	8.2	SU	CAWA-20-190741

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
289679	R-48	1500.0	08/13/2019	WG	pH	8.2	SU	CAWA-19-183979
281029	R-48	1500.0	06/03/2019	WG	pH	8.1	SU	CAWA-19-181328
267560	R-48	1500.0	03/18/2019	WG	pH	8.2	SU	CAWA-19-167637
275222	R-48	1500.0	12/12/2018	WG	pH	8.2	SU	CAWA-19-164771
245458	R-48	1500.0	08/20/2018	WG	pH	8.1	SU	CAWA-18-160383
218162	R-48	1500.0	02/07/2018	WG	pH	8.2	SU	CAWA-18-71
307983	R-48	1500.0	12/06/2019	WG	Specific Conductance	122.3	µS/cm	CAWA-20-190741
289676	R-48	1500.0	08/13/2019	WG	Specific Conductance	124.2	µS/cm	CAWA-19-183979
281031	R-48	1500.0	06/03/2019	WG	Specific Conductance	122.3	µS/cm	CAWA-19-181328
267562	R-48	1500.0	03/18/2019	WG	Specific Conductance	123.1	µS/cm	CAWA-19-167637
275218	R-48	1500.0	12/12/2018	WG	Specific Conductance	123.6	µS/cm	CAWA-19-164771
245460	R-48	1500.0	08/20/2018	WG	Specific Conductance	122.3	µS/cm	CAWA-18-160383
218164	R-48	1500.0	02/07/2018	WG	Specific Conductance	123.0	µS/cm	CAWA-18-71
307984	R-48	1500.0	12/06/2019	WG	Temperature	19.0	deg C	CAWA-20-190741
289677	R-48	1500.0	08/13/2019	WG	Temperature	21.7	deg C	CAWA-19-183979
281032	R-48	1500.0	06/03/2019	WG	Temperature	21.0	deg C	CAWA-19-181328
267563	R-48	1500.0	03/18/2019	WG	Temperature	20.0	deg C	CAWA-19-167637
275219	R-48	1500.0	12/12/2018	WG	Temperature	19.2	deg C	CAWA-19-164771
245461	R-48	1500.0	08/20/2018	WG	Temperature	21.0	deg C	CAWA-18-160383
218165	R-48	1500.0	02/07/2018	WG	Temperature	18.4	deg C	CAWA-18-71
307986	R-48	1500.0	12/06/2019	WG	Turbidity	1.2	NTU	CAWA-20-190741
289678	R-48	1500.0	08/13/2019	WG	Turbidity	1.4	NTU	CAWA-19-183979
281138	R-48	1500.0	06/03/2019	WG	Turbidity	1.2	NTU	CAWA-19-181328
267624	R-48	1500.0	03/18/2019	WG	Turbidity	0.6	NTU	CAWA-19-167637
275221	R-48	1500.0	12/12/2018	WG	Turbidity	1.6	NTU	CAWA-19-164771
245505	R-48	1500.0	08/20/2018	WG	Turbidity	1.7	NTU	CAWA-18-160383
218116	R-48	1500.0	02/07/2018	WG	Turbidity	5.8	NTU	CAWA-18-71

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
309624	R-63	1325.0	12/12/2019	WG	Dissolved Oxygen	5.79	mg/L	CAWA-20-190745
290811	R-63	1325.0	08/22/2019	WG	Dissolved Oxygen	5.75	mg/L	CAWA-19-183985
281800	R-63	1325.0	06/07/2019	WG	Dissolved Oxygen	5.74	mg/L	CAWA-19-181334
267909	R-63	1325.0	03/19/2019	WG	Dissolved Oxygen	5.77	mg/L	CAWA-19-167648
259447	R-63	1325.0	12/14/2018	WG	Dissolved Oxygen	5.84	mg/L	CAWA-19-164779
245636	R-63	1325.0	08/20/2018	WG	Dissolved Oxygen	5.61	mg/L	CAWA-18-160392
237870	R-63	1325.0	06/04/2018	WG	Dissolved Oxygen	5.58	mg/L	CAWA-18-29
309677	R-63	1325.0	12/12/2019	WG	Flow (in gpm)	7.14	gpm	CAWA-20-190745
290810	R-63	1325.0	08/22/2019	WG	Flow (in gpm)	7.14	gpm	CAWA-19-183985
281799	R-63	1325.0	06/07/2019	WG	Flow (in gpm)	7.32	gpm	CAWA-19-181334
267908	R-63	1325.0	03/19/2019	WG	Flow (in gpm)	7.32	gpm	CAWA-19-167648
259446	R-63	1325.0	12/14/2018	WG	Flow (in gpm)	7.50	gpm	CAWA-19-164779
245635	R-63	1325.0	08/20/2018	WG	Flow (in gpm)	7.32	gpm	CAWA-18-160392
237869	R-63	1325.0	06/04/2018	WG	Flow (in gpm)	7.31	gpm	CAWA-18-29
309626	R-63	1325.0	12/12/2019	WG	Oxidation-Reduction Potential	176.2	mV	CAWA-20-190745
290813	R-63	1325.0	08/22/2019	WG	Oxidation-Reduction Potential	257.7	mV	CAWA-19-183985
281846	R-63	1325.0	06/07/2019	WG	Oxidation-Reduction Potential	185.0	mV	CAWA-19-181334
267911	R-63	1325.0	03/19/2019	WG	Oxidation-Reduction Potential	151.9	mV	CAWA-19-167648
259449	R-63	1325.0	12/14/2018	WG	Oxidation-Reduction Potential	329.1	mV	CAWA-19-164779
245638	R-63	1325.0	08/20/2018	WG	Oxidation-Reduction Potential	226.7	mV	CAWA-18-160392
237887	R-63	1325.0	06/04/2018	WG	Oxidation-Reduction Potential	157.7	mV	CAWA-18-29
309628	R-63	1325.0	12/12/2019	WG	pH	7.4	SU	CAWA-20-190745
290770	R-63	1325.0	08/22/2019	WG	pH	7.4	SU	CAWA-19-183985
281848	R-63	1325.0	06/07/2019	WG	pH	7.1	SU	CAWA-19-181334
267930	R-63	1325.0	03/19/2019	WG	pH	7.5	SU	CAWA-19-167648
259453	R-63	1325.0	12/14/2018	WG	pH	7.4	SU	CAWA-19-164779
245582	R-63	1325.0	08/20/2018	WG	pH	7.2	SU	CAWA-18-160392

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
237889	R-63	1325.0	06/04/2018	WG	pH	7.5	SU	CAWA-18-29
309679	R-63	1325.0	12/12/2019	WG	Specific Conductance	105.4	µS/cm	CAWA-20-190745
290772	R-63	1325.0	08/22/2019	WG	Specific Conductance	105.7	µS/cm	CAWA-19-183985
281850	R-63	1325.0	06/07/2019	WG	Specific Conductance	105.5	µS/cm	CAWA-19-181334
267932	R-63	1325.0	03/19/2019	WG	Specific Conductance	105.4	µS/cm	CAWA-19-167648
259450	R-63	1325.0	12/14/2018	WG	Specific Conductance	105.8	µS/cm	CAWA-19-164779
245584	R-63	1325.0	08/20/2018	WG	Specific Conductance	105.5	µS/cm	CAWA-18-160392
237891	R-63	1325.0	06/04/2018	WG	Specific Conductance	106.1	µS/cm	CAWA-18-29
309680	R-63	1325.0	12/12/2019	WG	Temperature	12.6	deg C	CAWA-20-190745
290773	R-63	1325.0	08/22/2019	WG	Temperature	14.6	deg C	CAWA-19-183985
281801	R-63	1325.0	06/07/2019	WG	Temperature	14.0	deg C	CAWA-19-181334
267933	R-63	1325.0	03/19/2019	WG	Temperature	13.6	deg C	CAWA-19-167648
259451	R-63	1325.0	12/14/2018	WG	Temperature	13.0	deg C	CAWA-19-164779
245585	R-63	1325.0	08/20/2018	WG	Temperature	14.6	deg C	CAWA-18-160392
237892	R-63	1325.0	06/04/2018	WG	Temperature	14.2	deg C	CAWA-18-29
309682	R-63	1325.0	12/12/2019	WG	Turbidity	2.8	NTU	CAWA-20-190745
290843	R-63	1325.0	08/22/2019	WG	Turbidity	0.4	NTU	CAWA-19-183985
281803	R-63	1325.0	06/07/2019	WG	Turbidity	0.5	NTU	CAWA-19-181334
267912	R-63	1325.0	03/19/2019	WG	Turbidity	0.4	NTU	CAWA-19-167648
259452	R-63	1325.0	12/14/2018	WG	Turbidity	0.6	NTU	CAWA-19-164779
245640	R-63	1325.0	08/20/2018	WG	Turbidity	0.6	NTU	CAWA-18-160392
237873	R-63	1325.0	06/04/2018	WG	Turbidity	0.5	NTU	CAWA-18-29
308265	R-68	1340.0	12/09/2019	WG	Dissolved Oxygen	5.73	mg/L	CAWA-20-190746
288641	R-68	1340.0	08/08/2019	WG	Dissolved Oxygen	5.67	mg/L	CAWA-19-183988
280453	R-68	1340.0	05/30/2019	WG	Dissolved Oxygen	5.66	mg/L	CAWA-19-181336
268299	R-68	1340.0	03/19/2019	WG	Dissolved Oxygen	5.67	mg/L	CAWA-19-167655
260082	R-68	1340.0	12/19/2018	WG	Dissolved Oxygen	5.67	mg/L	CAWA-19-164781

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
244712	R-68	1340.0	08/15/2018	WG	Dissolved Oxygen	5.59	mg/L	CAWA-18-160396
237936	R-68	1340.0	06/05/2018	WG	Dissolved Oxygen	5.32	mg/L	CAWA-18-31
308264	R-68	1340.0	12/09/2019	WG	Flow (in gpm)	5.88	gpm	CAWA-20-190746
288689	R-68	1340.0	08/08/2019	WG	Flow (in gpm)	5.77	gpm	CAWA-19-183988
280410	R-68	1340.0	05/30/2019	WG	Flow (in gpm)	5.88	gpm	CAWA-19-181336
268298	R-68	1340.0	03/19/2019	WG	Flow (in gpm)	5.88	gpm	CAWA-19-167655
260081	R-68	1340.0	12/19/2018	WG	Flow (in gpm)	6	gpm	CAWA-19-164781
244711	R-68	1340.0	08/15/2018	WG	Flow (in gpm)	5.88	gpm	CAWA-18-160396
237935	R-68	1340.0	06/05/2018	WG	Flow (in gpm)	5.76	gpm	CAWA-18-31
308267	R-68	1340.0	12/09/2019	WG	Oxidation-Reduction Potential	29.3	mV	CAWA-20-190746
288643	R-68	1340.0	08/08/2019	WG	Oxidation-Reduction Potential	213.8	mV	CAWA-19-183988
280455	R-68	1340.0	05/30/2019	WG	Oxidation-Reduction Potential	80.1	mV	CAWA-19-181336
268301	R-68	1340.0	03/19/2019	WG	Oxidation-Reduction Potential	78.8	mV	CAWA-19-167655
260084	R-68	1340.0	12/19/2018	WG	Oxidation-Reduction Potential	260.5	mV	CAWA-19-164781
244647	R-68	1340.0	08/15/2018	WG	Oxidation-Reduction Potential	103.4	mV	CAWA-18-160396
237938	R-68	1340.0	06/05/2018	WG	Oxidation-Reduction Potential	43.3	mV	CAWA-18-31
308202	R-68	1340.0	12/09/2019	WG	pH	7.4	SU	CAWA-20-190746
288645	R-68	1340.0	08/08/2019	WG	pH	7.5	SU	CAWA-19-183988
280457	R-68	1340.0	05/30/2019	WG	pH	7.4	SU	CAWA-19-181336
268307	R-68	1340.0	03/19/2019	WG	pH	7.4	SU	CAWA-19-167655
260090	R-68	1340.0	12/19/2018	WG	pH	7.6	SU	CAWA-19-164781
244649	R-68	1340.0	08/15/2018	WG	pH	7.5	SU	CAWA-18-160396
237940	R-68	1340.0	06/05/2018	WG	pH	7.5	SU	CAWA-18-31
308204	R-68	1340.0	12/09/2019	WG	Specific Conductance	113.0	µS/cm	CAWA-20-190746
288691	R-68	1340.0	08/08/2019	WG	Specific Conductance	113.6	µS/cm	CAWA-19-183988
280411	R-68	1340.0	05/30/2019	WG	Specific Conductance	114.9	µS/cm	CAWA-19-181336
268303	R-68	1340.0	03/19/2019	WG	Specific Conductance	113.4	µS/cm	CAWA-19-167655

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
260086	R-68	1340.0	12/19/2018	WG	Specific Conductance	113.9	µS/cm	CAWA-19-164781
244651	R-68	1340.0	08/15/2018	WG	Specific Conductance	114.5	µS/cm	CAWA-18-160396
237919	R-68	1340.0	06/05/2018	WG	Specific Conductance	114.3	µS/cm	CAWA-18-31
308205	R-68	1340.0	12/09/2019	WG	Temperature	13.0	deg C	CAWA-20-190746
288692	R-68	1340.0	08/08/2019	WG	Temperature	15.2	deg C	CAWA-19-183988
280412	R-68	1340.0	05/30/2019	WG	Temperature	13.8	deg C	CAWA-19-181336
268304	R-68	1340.0	03/19/2019	WG	Temperature	13.8	deg C	CAWA-19-167655
260087	R-68	1340.0	12/19/2018	WG	Temperature	13.4	deg C	CAWA-19-164781
244652	R-68	1340.0	08/15/2018	WG	Temperature	14.4	deg C	CAWA-18-160396
237920	R-68	1340.0	06/05/2018	WG	Temperature	15.7	deg C	CAWA-18-31
308207	R-68	1340.0	12/09/2019	WG	Turbidity	4.7	NTU	CAWA-20-190746
288694	R-68	1340.0	08/08/2019	WG	Turbidity	2.5	NTU	CAWA-19-183988
280414	R-68	1340.0	05/30/2019	WG	Turbidity	2.0	NTU	CAWA-19-181336
268306	R-68	1340.0	03/19/2019	WG	Turbidity	1.9	NTU	CAWA-19-167655
260089	R-68	1340.0	12/19/2018	WG	Turbidity	3.2	NTU	CAWA-19-164781
244675	R-68	1340.0	08/15/2018	WG	Turbidity	6.7	NTU	CAWA-18-160396
237922	R-68	1340.0	06/05/2018	WG	Turbidity	4.0	NTU	CAWA-18-31
—	R-69 S1	1310.0	12/10/2019	WG	Dissolved Oxygen	6.87	mg/L	CAMO-20-190683
—	R-69 S1	1310.0	11/19/2019	WG	Dissolved Oxygen	6.94	mg/L	CAMO-20-189180
301894	R-69 S1	1310.0	10/30/2019	WG	Dissolved Oxygen	6.77	mg/L	CAMO-20-188402
295769	R-69 S1	1310.0	09/30/2019	WG	Dissolved Oxygen	6.58	mg/L	CAWA-19-188270
290630	R-69 S1	1310.0	08/21/2019	WG	Dissolved Oxygen	6.97	mg/L	CAWA-19-183991
288067	R-69 S1	1310.0	07/29/2019	WG	Dissolved Oxygen	6.93	mg/L	CAWA-19-182850
281271	R-69 S1	1310.0	06/05/2019	WG	Dissolved Oxygen	7.12	mg/L	CAWA-19-181339
280060	R-69 S1	1310.0	05/22/2019	WG	Dissolved Oxygen	6.71	mg/L	CAWA-19-175207
275934	R-69 S1	1310.0	04/26/2019	WG	Dissolved Oxygen	7.08	mg/L	CAWA-19-171788
268509	R-69 S1	1310.0	03/26/2019	WG	Dissolved Oxygen	7.08	mg/L	CAWA-19-167658

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
264954	R-69 S1	1310.0	01/31/2019	WG	Dissolved Oxygen	7.17	mg/L	CACV-19-166501
—	R-69 S1	1310.0	12/10/2019	WG	Flow (in gpm)	6.67	gpm	CAMO-20-190683
—	R-69 S1	1310.0	11/19/2019	WG	Flow (in gpm)	6.98	gpm	CAMO-20-189180
301893	R-69 S1	1310.0	10/30/2019	WG	Flow (in gpm)	7.14	gpm	CAMO-20-188402
295768	R-69 S1	1310.0	09/30/2019	WG	Flow (in gpm)	6.98	gpm	CAWA-19-188270
290629	R-69 S1	1310.0	08/21/2019	WG	Flow (in gpm)	7.89	gpm	CAWA-19-183991
288066	R-69 S1	1310.0	07/29/2019	WG	Flow (in gpm)	7.50	gpm	CAWA-19-182850
281270	R-69 S1	1310.0	06/05/2019	WG	Flow (in gpm)	7.14	gpm	CAWA-19-181339
280059	R-69 S1	1310.0	05/22/2019	WG	Flow (in gpm)	7.89	gpm	CAWA-19-175207
275933	R-69 S1	1310.0	04/26/2019	WG	Flow (in gpm)	7.89	gpm	CAWA-19-171788
268508	R-69 S1	1310.0	03/26/2019	WG	Flow (in gpm)	7.69	gpm	CAWA-19-167658
264953	R-69 S1	1310.0	01/31/2019	WG	Flow (in gpm)	7.50	gpm	CACV-19-166501
—	R-69 S1	1310.0	12/10/2019	WG	Oxidation-Reduction Potential	145.7	mV	CAMO-20-190683
—	R-69 S1	1310.0	11/19/2019	WG	Oxidation-Reduction Potential	200.7	mV	CAMO-20-189180
301896	R-69 S1	1310.0	10/30/2019	WG	Oxidation-Reduction Potential	131.7	mV	CAMO-20-188402
295771	R-69 S1	1310.0	09/30/2019	WG	Oxidation-Reduction Potential	101.6	mV	CAWA-19-188270
290632	R-69 S1	1310.0	08/21/2019	WG	Oxidation-Reduction Potential	257	mV	CAWA-19-183991
288069	R-69 S1	1310.0	07/29/2019	WG	Oxidation-Reduction Potential	249.1	mV	CAWA-19-182850
281273	R-69 S1	1310.0	06/05/2019	WG	Oxidation-Reduction Potential	163.1	mV	CAWA-19-181339
280062	R-69 S1	1310.0	05/22/2019	WG	Oxidation-Reduction Potential	93.5	mV	CAWA-19-175207
275936	R-69 S1	1310.0	04/26/2019	WG	Oxidation-Reduction Potential	100.0	mV	CAWA-19-171788
268531	R-69 S1	1310.0	03/26/2019	WG	Oxidation-Reduction Potential	124.7	mV	CAWA-19-167658
264956	R-69 S1	1310.0	01/31/2019	WG	Oxidation-Reduction Potential	203.4	mV	CACV-19-166501
—	R-69 S1	1310.0	12/10/2019	WG	pH	7.57	SU	CAMO-20-190683
—	R-69 S1	1310.0	11/19/2019	WG	pH	7.41	SU	CAMO-20-189180
301898	R-69 S1	1310.0	10/30/2019	WG	pH	7.44	SU	CAMO-20-188402
295731	R-69 S1	1310.0	09/30/2019	WG	pH	7.58	SU	CAWA-19-188270

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
290675	R-69 S1	1310.0	08/21/2019	WG	pH	7.5	SU	CAWA-19-183991
288075	R-69 S1	1310.0	07/29/2019	WG	pH	7.6	SU	CAWA-19-182850
281275	R-69 S1	1310.0	06/05/2019	WG	pH	7.5	SU	CAWA-19-181339
280092	R-69 S1	1310.0	05/22/2019	WG	pH	7.5	SU	CAWA-19-175207
275938	R-69 S1	1310.0	04/26/2019	WG	pH	7.6	SU	CAWA-19-171788
268533	R-69 S1	1310.0	03/26/2019	WG	pH	7.6	SU	CAWA-19-167658
264901	R-69 S1	1310.0	01/31/2019	WG	pH	7.5	SU	CACV-19-166501
—	R-69 S1	1310.0	12/10/2019	WG	Specific Conductance	116.4	µS/cm	CAMO-20-190683
—	R-69 S1	1310.0	11/19/2019	WG	Specific Conductance	111.4	µS/cm	CAMO-20-189180
301941	R-69 S1	1310.0	10/30/2019	WG	Specific Conductance	117.1	µS/cm	CAMO-20-188402
295733	R-69 S1	1310.0	09/30/2019	WG	Specific Conductance	115.5	µS/cm	CAWA-19-188270
290677	R-69 S1	1310.0	08/21/2019	WG	Specific Conductance	116.8	µS/cm	CAWA-19-183991
288071	R-69 S1	1310.0	07/29/2019	WG	Specific Conductance	117.5	µS/cm	CAWA-19-182850
281403	R-69 S1	1310.0	06/05/2019	WG	Specific Conductance	117.6	µS/cm	CAWA-19-181339
280094	R-69 S1	1310.0	05/22/2019	WG	Specific Conductance	117.4	µS/cm	CAWA-19-175207
275876	R-69 S1	1310.0	04/26/2019	WG	Specific Conductance	118.0	µS/cm	CAWA-19-171788
268511	R-69 S1	1310.0	03/26/2019	WG	Specific Conductance	118.8	µS/cm	CAWA-19-167658
264903	R-69 S1	1310.0	01/31/2019	WG	Specific Conductance	119.2	µS/cm	CACV-19-166501
—	R-69 S1	1310.0	12/10/2019	WG	Temperature	14.4	deg C	CAMO-20-190683
—	R-69 S1	1310.0	11/19/2019	WG	Temperature	14.9	deg C	CAMO-20-189180
301942	R-69 S1	1310.0	10/30/2019	WG	Temperature	14.5	deg C	CAMO-20-188402
295734	R-69 S1	1310.0	09/30/2019	WG	Temperature	15.2	deg C	CAWA-19-188270
290678	R-69 S1	1310.0	08/21/2019	WG	Temperature	15.8	deg C	CAWA-19-183991
288072	R-69 S1	1310.0	07/29/2019	WG	Temperature	15.1	deg C	CAWA-19-182850
281404	R-69 S1	1310.0	06/05/2019	WG	Temperature	15.5	deg C	CAWA-19-181339
280095	R-69 S1	1310.0	05/22/2019	WG	Temperature	14.7	deg C	CAWA-19-175207
275877	R-69 S1	1310.0	04/26/2019	WG	Temperature	14.5	deg C	CAWA-19-171788

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
268534	R-69 S1	1310.0	03/26/2019	WG	Temperature	15.1	deg C	CAWA-19-167658
264904	R-69 S1	1310.0	01/31/2019	WG	Temperature	14.3	deg C	CACV-19-166501
—	R-69 S1	1310.0	12/10/2019	WG	Turbidity	0.7	NTU	CAMO-20-190683
—	R-69 S1	1310.0	11/19/2019	WG	Turbidity	0.6	NTU	CAMO-20-189180
301944	R-69 S1	1310.0	10/30/2019	WG	Turbidity	0.8	NTU	CAMO-20-188402
295773	R-69 S1	1310.0	09/30/2019	WG	Turbidity	0.7	NTU	CAWA-19-188270
290705	R-69 S1	1310.0	08/21/2019	WG	Turbidity	0.6	NTU	CAWA-19-183991
288074	R-69 S1	1310.0	07/29/2019	WG	Turbidity	0.4	NTU	CAWA-19-182850
281406	R-69 S1	1310.0	06/05/2019	WG	Turbidity	0.5	NTU	CAWA-19-181339
280097	R-69 S1	1310.0	05/22/2019	WG	Turbidity	0.4	NTU	CAWA-19-175207
275879	R-69 S1	1310.0	04/26/2019	WG	Turbidity	1.9	NTU	CAWA-19-171788
268536	R-69 S1	1310.0	03/26/2019	WG	Turbidity	1.6	NTU	CAWA-19-167658
264958	R-69 S1	1310.0	01/31/2019	WG	Turbidity	0.6	NTU	CACV-19-166501
308424	R-69 S2	1375.5	12/10/2019	WG	Dissolved Oxygen	6.65	mg/L	CAWA-20-190751
295820	R-69 S2	1375.5	09/30/2019		Dissolved Oxygen	6.02	mg/L	CAWA-19-188271
290556	R-69 S2	1375.5	08/21/2019	WG	Dissolved Oxygen	5.96	mg/L	CAWA-19-183975
288077	R-69 S2	1375.5	07/29/2019	WG	Dissolved Oxygen	6.23	mg/L	CAWA-19-182851
281618	R-69 S2	1375.5	06/06/2019	WG	Dissolved Oxygen	6.64	mg/L	CAWA-19-181343
279992	R-69 S2	1375.5	05/22/2019	WG	Dissolved Oxygen	5.62	mg/L	CAWA-19-175208
275955	R-69 S2	1375.5	04/26/2019	WG	Dissolved Oxygen	5.65	mg/L	CAWA-19-171791
268488	R-69 S2	1375.5	03/26/2019	WG	Dissolved Oxygen	6.10	mg/L	CAWA-19-167663
265750	R-69 S2	1375.5	02/13/2019	WG	Dissolved Oxygen	5.69	mg/L	CACV-19-166844
257055	R-69 S2	1375.5	11/12/2018	WG	Dissolved Oxygen	2.99	mg/L	CACV-19-164732
257061	R-69 S2	1375.5	11/12/2018	WG	Dissolved Oxygen	3.06	mg/L	CACV-19-164733
295819	R-69 S2	1375.5	09/30/2019	WG	Flow (in gpm)	6.98	gpm	CAWA-19-188271
290555	R-69 S2	1375.5	08/21/2019	WG	Flow (in gpm)	7.32	gpm	CAWA-19-183975
288076	R-69 S2	1375.5	07/29/2019	WG	Flow (in gpm)	7.50	gpm	CAWA-19-182851

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
281617	R-69 S2	1375.5	06/06/2019	WG	Flow (in gpm)	7.32	gpm	CAWA-19-181343
280017	R-69 S2	1375.5	05/22/2019	WG	Flow (in gpm)	7.50	gpm	CAWA-19-175208
275954	R-69 S2	1375.5	04/26/2019	WG	Flow (in gpm)	7.50	gpm	CAWA-19-171791
268468	R-69 S2	1375.5	03/26/2019	WG	Flow (in gpm)	7.50	gpm	CAWA-19-167663
295855	R-69 S2	1375.5	09/30/2019	WG	Oxidation-Reduction Potential	99.9	mV	CAWA-19-188271
308426	R-69 S2	1375.5	12/10/2019	WG	Oxidation-Reduction Potential	151.1	mV	CAWA-20-190751
290558	R-69 S2	1375.5	08/21/2019	WG	Oxidation-Reduction Potential	283.4	mV	CAWA-19-183975
288079	R-69 S2	1375.5	07/29/2019	WG	Oxidation-Reduction Potential	259.1	mV	CAWA-19-182851
281620	R-69 S2	1375.5	06/06/2019	WG	Oxidation-Reduction Potential	175.9	mV	CAWA-19-181343
279994	R-69 S2	1375.5	05/22/2019	WG	Oxidation-Reduction Potential	96.6	mV	CAWA-19-175208
275999	R-69 S2	1375.5	04/26/2019	WG	Oxidation-Reduction Potential	94.5	mV	CAWA-19-171791
268490	R-69 S2	1375.5	03/26/2019	WG	Oxidation-Reduction Potential	79.4	mV	CAWA-19-167663
265752	R-69 S2	1375.5	02/13/2019	WG	Oxidation-Reduction Potential	197.7	mV	CACV-19-166844
257056	R-69 S2	1375.5	11/12/2018	WG	Oxidation-Reduction Potential	281.3	mV	CACV-19-164732
257062	R-69 S2	1375.5	11/12/2018	WG	Oxidation-Reduction Potential	274.4	mV	CACV-19-164733
295857	R-69 S2	1375.5	09/30/2019	WG	pH	7.6	SU	CAWA-19-188271
308427	R-69 S2	1375.5	12/10/2019	WG	pH	7.6	SU	CAWA-20-190751
290601	R-69 S2	1375.5	08/21/2019	WG	pH	7.6	SU	CAWA-19-183975
288085	R-69 S2	1375.5	07/29/2019	WG	pH	7.6	SU	CAWA-19-182851
281579	R-69 S2	1375.5	06/06/2019	WG	pH	7.5	SU	CAWA-19-181343
279996	R-69 S2	1375.5	05/22/2019	WG	pH	7.5	SU	CAWA-19-175208
276001	R-69 S2	1375.5	04/26/2019	WG	pH	7.6	SU	CAWA-19-171791
268470	R-69 S2	1375.5	03/26/2019	WG	pH	7.6	SU	CAWA-19-167663
265756	R-69 S2	1375.5	02/13/2019	WG	pH	7.6	SU	CACV-19-166844
257060	R-69 S2	1375.5	11/12/2018	WG	pH	7.7	SU	CACV-19-164732
257066	R-69 S2	1375.5	11/12/2018	WG	pH	7.8	SU	CACV-19-164733
295821	R-69 S2	1375.5	09/30/2019	WG	Specific Conductance	119.3	µS/cm	CAWA-19-188271

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
308428	R-69 S2	1375.5	12/10/2019	WG	Specific Conductance	118.5	µS/cm	CAWA-20-190751
290603	R-69 S2	1375.5	08/21/2019	WG	Specific Conductance	119.5	µS/cm	CAWA-19-183975
288081	R-69 S2	1375.5	07/29/2019	WG	Specific Conductance	119.8	µS/cm	CAWA-19-182851
281581	R-69 S2	1375.5	06/06/2019	WG	Specific Conductance	119.4	µS/cm	CAWA-19-181343
280033	R-69 S2	1375.5	05/22/2019	WG	Specific Conductance	119.9	µS/cm	CAWA-19-175208
276003	R-69 S2	1375.5	04/26/2019	WG	Specific Conductance	120.5	µS/cm	CAWA-19-171791
268491	R-69 S2	1375.5	03/26/2019	WG	Specific Conductance	120.9	µS/cm	CAWA-19-167663
265753	R-69 S2	1375.5	02/13/2019	WG	Specific Conductance	119.9	µS/cm	CACV-19-166844
257057	R-69 S2	1375.5	11/12/2018	WG	Specific Conductance	118.8	µS/cm	CACV-19-164732
257063	R-69 S2	1375.5	11/12/2018	WG	Specific Conductance	118.8	µS/cm	CACV-19-164733
295822	R-69 S2	1375.5	09/30/2019	WG	Temperature	15.6	deg C	CAWA-19-188271
308429	R-69 S2	1375.5	12/10/2019	WG	Temperature	13.8	deg C	CAWA-20-190751
290604	R-69 S2	1375.5	08/21/2019	WG	Temperature	15.6	deg C	CAWA-19-183975
288082	R-69 S2	1375.5	07/29/2019	WG	Temperature	15.5	deg C	CAWA-19-182851
281582	R-69 S2	1375.5	06/06/2019	WG	Temperature	15.3	deg C	CAWA-19-181343
280034	R-69 S2	1375.5	05/22/2019	WG	Temperature	15.1	deg C	CAWA-19-175208
276004	R-69 S2	1375.5	04/26/2019	WG	Temperature	15.0	deg C	CAWA-19-171791
268492	R-69 S2	1375.5	03/26/2019	WG	Temperature	15.3	deg C	CAWA-19-167663
265754	R-69 S2	1375.5	02/13/2019	WG	Temperature	15.1	deg C	CACV-19-166844
257058	R-69 S2	1375.5	11/12/2018	WG	Temperature	14.8	deg C	CACV-19-164732
257064	R-69 S2	1375.5	11/12/2018	WG	Temperature	14.8	deg C	CACV-19-164733
295824	R-69 S2	1375.5	09/30/2019	WG	Turbidity	0.3	NTU	CAWA-19-188271
308430	R-69 S2	1375.5	12/10/2019	WG	Turbidity	0.6	NTU	CAWA-20-190751
290559	R-69 S2	1375.5	08/21/2019	WG	Turbidity	0.5	NTU	CAWA-19-183975
288084	R-69 S2	1375.5	07/29/2019	WG	Turbidity	0.3	NTU	CAWA-19-182851
281622	R-69 S2	1375.5	06/06/2019	WG	Turbidity	0.6	NTU	CAWA-19-181343
280036	R-69 S2	1375.5	05/22/2019	WG	Turbidity	0.7	NTU	CAWA-19-175208

Field Measurement Record #	Location ID	Screen Depth (ft bgs)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
275958	R-69 S2	1375.5	04/26/2019	WG	Turbidity	0.5	NTU	CAWA-19-171791
268472	R-69 S2	1375.5	03/26/2019	WG	Turbidity	0. 9	NTU	CAWA-19-167663
265755	R-69 S2	1375.5	02/13/2019	WG	Turbidity	92.9	NTU	CACV-19-166844
257059	R-69 S2	1375.5	11/12/2018	WG	Turbidity	0.7	NTU	CACV-19-164732
257065	R-69 S2	1375.5	11/12/2018	WG	Turbidity	0.8	NTU	CACV-19-164733

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

[c] mV = Millivolt.

[d] SU = Standard unit.

[e] NTU = Nephelometric turbidity unit.

[f] WS = Base flow surface water.

[g] — = Not applicable. Missing field measurement record numbers were not assigned for flow, dissolved oxygen, oxidation-reduction potential, pH, specific conductance, temperature, or turbidity field parameters at this location. Data are from the field notes.

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 (4) background value sources 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
DOE	Department of Energy (U.S.)
DQO	data quality objective
EPA	Environmental Protection Agency (U.S.)
GC	gas chromatography
GC/MS	gas chromatography/mass spectrometry
GFAA	graphite furnace atomic absorption
GFPC	gas-flow proportional counter
GW	groundwater
HH OO	Human Health—Organism Only (NMWQCC standard)
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HPLC	high-pressure liquid chromatography
ICAL	initial calibration
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification
IDL	instrument detection limit

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
IS	internal standard
LAL	lower acceptance limit
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
LOC	level of chlorination
LSC	liquid scintillation counting
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitroso-RDX
MS	matrix spike
MSD	matrix spike duplicate
N3B	Newport News Nuclear BWXT-Los Alamos, LLC
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	Royal Demolition Explosive
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
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, Division of the GEL Group, Inc., Charleston SC
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, LLC, Division of the GEL Group, 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 Qualifiers

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 Qualifiers (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.
JQ	See J code and see Q 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 Qualifiers (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	Consult case narrative, data summary package, or project manager concerning the qualifier.

Validation Qualifiers

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.

Background Values

Symbol	Background Values
—	No background values available
*i	Intermediate 95% background level reported in the “Groundwater Background Investigation Report, Revision 5” (LANL 2016, 601920)
*r	Regional 95% background level reported in the “Groundwater Background Investigation Report, Revision 5” (LANL 2016, 601920)

Note: Background values in Table C-1 are upper tolerance limits reported in the “Groundwater Background Investigation Report, Revision 5” (LANL 2016, 601920) unless otherwise noted.

REFERENCE

The following reference list includes documents cited in this appendix. 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 Los Alamos National Laboratory (LANL) 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 New Mexico Environment Department (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), October 27, 2016. “Groundwater Background Investigation Report, Revision 5,” Los Alamos National Laboratory document LA-UR-16-27907, Los Alamos, New Mexico. (LANL 2016, 601920)

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.25	—	38	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.25	—	—	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.25	—	2000	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.25	—	—	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.25	—	1.2	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.25	—	354	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.25	—	75	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.58	—	3.7	—	µg/L	—	3.58	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.25	—	9.81	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.25	—	5	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.25	—	20	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC

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Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0384	—	0.5	—	µg/L	—	0.0384	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0384	—	0.5	—	µg/L	—	0.0384	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0384	—	0.5	—	µg/L	—	0.0384	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0384	—	0.5	—	µg/L	—	0.0384	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.25	—	0.137	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.25	—	59	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.325	—	6	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.325	—	200	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.25	—	1	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0886	—	9.8	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.325	—	1720	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.25	—	70	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.25	—	45.3	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.25	—	2.37	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0886	—	2.37	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0886	—	9.66	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.25	—	122	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.25	—	4.59	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.25	—	20	—	µg/L	—	3.25	Y	UH	UJ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0384	—	0.5	—	µg/L	—	0.0384	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0384	—	0.5	—	µg/L	—	0.0384	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.325	—	117	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.325	—	612	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.25	—	7.9	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC

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Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.25	—	250	—	µg/L	—	3.25	Y	UH	UJ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.744	—	70	—	ng/L	—	0.744	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.25	—	3	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.325	—	—	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.325	—	0.343	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0886	—	1.9	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.325	—	0.343	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.325	—	802	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.325	—	3.43	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.325	—	—	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.325	—	34.3	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0886	—	1000	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.332	—	—	—	µg/L	—	0.332	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.651	—	70	—	ng/L	—	0.651	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.614	—	70	—	ng/L	—	0.614	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0886	—	1.9	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0886	—	39.4	—	µg/L	—	0.0886	Y	U	UJ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.325	—	0.2	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.42	—	38.7	—	µg/L	—	5.42	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.25	—	1.52	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0384	—	0.5	—	µg/L	—	0.0384	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.325	—	0.0343	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.25	—	—	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.25	—	0.00167	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-87	CAWR-20-186504	SwRI
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.325	—	0.12	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.25	—	240	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.553	—	—	—	µg/L	—	0.553	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.25	—	1400	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.25	—	0.485	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0886	—	0.485	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.25	—	3.07	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.332	—	—	—	µg/L	—	0.332	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.25	—	0.11	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-87	CAWR-20-186504	SwRI
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.56	—	130	—	µg/L	—	4.56	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.25	—	0.00491	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-87	CAWR-20-186504	SwRI
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	4.01	—	—	—	µg/L	—	4.01	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.51	—	75000	—	µg/L	—	6.51	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.553	—	—	—	µg/L	—	0.553	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	6.15	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.25	—	3.28	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.25	—	—	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC

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Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.25	—	50	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.111	—	190	—	µg/L	—	0.111	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.332	—	—	—	µg/L	—	0.332	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.8	—	781	—	µg/L	—	3.8	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.325	—	535	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.325	—	14800	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.325	—	885	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.325	—	170	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.325	—	160	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.325	—	288	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC

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Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.25	—	1.39	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.25	—	1	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.25	—	11.9	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0908	—	3.14	—	µg/L	—	0.0908	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.25	—	190	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.25	—	—	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.25	—	7	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.325	—	11.4	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.325	—	1.65	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.325	—	35.1	—	µg/L	—	0.325	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.445	—	733	—	µg/L	—	0.445	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.25	—	1.25	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.25	—	0.0273	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-87	CAWR-20-186504	SwRI
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.23	—	0.00109	—	µg/L	—	4.23	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.25	—	0.37	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-87	CAWR-20-186504	SwRI
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.25	—	930	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.25	—	600	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.25	—	91	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.25	—	1.66	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.25	—	1170	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC

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Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.25	—	1.4	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0886	—	1.4	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0886	—	1.74	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.25	—	—	—	µg/L	—	3.25	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0886	—	590	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0886	—	2	—	µg/L	—	0.0886	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.166	—	42.7	—	µg/L	—	0.166	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	179.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0297	0.0357	—	—	pCi/L	0.198	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.33	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	175.0	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	51.4	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.84	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.0798	—	13.8	—	µg/L	—	0.05	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.441	1.52	—	—	pCi/L	5.91	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.88	1.16	—	—	pCi/L	4.89	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC

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Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.647	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	36.3	—	1000	—	µg/L	—	30.0	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	8.86	1.67	15	—	pCi/L	2.99	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	18.2	1.33	—	—	pCi/L	2.97	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.826	0.83	20000	—	pCi/L	2.733	—	Y	U	U	N3B-2020-89	CAWR-20-186504	ARSL
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	145.0	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.89	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.7	19.0	—	—	pCi/L	72.8	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.0	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	168.0	—	200	—	µg/L	—	2.0	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.886	—	1000	—	µg/L	—	0.2	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.7	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.31	1.67	—	—	pCi/L	6.11	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.727	—	200	—	µg/L	—	0.6	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0719	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.45	2.55	—	—	pCi/L	8.75	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.86	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0402	—	—	—	mg/L	—	0.02	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0191	0.0382	—	—	pCi/L	0.173	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0286	0.0344	—	—	pCi/L	0.168	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.627	0.157	5	—	pCi/L	0.366	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.832	0.209	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.205	0.138	5	—	pCi/L	0.464	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.5	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC

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Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.64	—	12000	—	µg/L	—	2.5	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.36	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	329.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	360.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0265	0.0646	8	—	pCi/L	0.219	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	217.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.373	—	—	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.04	—	—	—	mg/L	—	0.33	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.954	—	30	—	µg/L	—	0.067	Y	—	J+	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.991	0.151	27.2	—	pCi/L	0.384	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0324	0.046	28.8	—	pCi/L	0.276	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.477	0.112	30	—	pCi/L	0.449	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.37	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.99	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-82	CAWR-20-186503	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	UJ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC

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Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	UJ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	UH	R	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	UH	R	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.767	—	70	—	ng/L	—	0.767	Y	U	U	N3B-2020-48	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.672	—	70	—	ng/L	—	0.672	Y	U	U	N3B-2020-48	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.633	—	70	—	ng/L	—	0.633	Y	U	U	N3B-2020-48	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	UJ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-57	CAWR-20-186492	SwRI
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-57	CAWR-20-186492	SwRI
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-57	CAWR-20-186492	SwRI
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	µg/L	—	3.7	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	4.06	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	UJ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	UJ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	UJ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	UJ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-57	CAWR-20-186492	SwRI
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-57	CAWR-20-186492	SwRI
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	UJ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	164.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00212	0.00702	—	—	pCi/L	0.0287	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.76	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.2	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	124.0	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	44.7	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.06	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	N	0.05	—	13.8	—	µg/L	—	0.05	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.614	1.08	—	—	pCi/L	4.99	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.618	1.41	—	—	pCi/L	5.09	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.655	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	369.0	—	1000	—	µg/L	—	30.0	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.928	0.788	15	—	pCi/L	2.78	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.58	0.821	—	—	pCi/L	2.63	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level Tritium	Tritium	H-3	N	0.161	0.811	20000	—	pCi/L	2.742	—	Y	U	U	N3B-2020-89	CAWR-20-186492	ARSL
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	123.0	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.36	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.5	20.4	—	—	pCi/L	80.7	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.65	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	374.0	—	200	—	µg/L	—	2.0	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.8	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	22.9	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.711	1.42	—	—	pCi/L	6.08	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0478	—	—	—	mg/L	—	0.017	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	—	10	—	mg/L	—	0.017	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.01	2.66	—	—	pCi/L	9.28	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.92	Y	U	U	N3B-2020-48	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	mg/L	—	0.02	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0	0.0102	—	—	pCi/L	0.0448	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.023	0.0147	—	—	pCi/L	0.0483	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.382	0.128	5	—	pCi/L	0.325	—	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.382	0.241	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.13	0.204	5	—	pCi/L	0.767	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.5	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	—	12000	—	µg/L	—	25.0	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.12	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	337.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	446.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.05	0.0805	8	—	pCi/L	0.278	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	200.0	—	1000	—	mg/L	—	3.4	Y	—	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-48	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0763	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.32	—	—	—	mg/L	—	0.33	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.397	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.247	0.0264	27.2	—	pCi/L	0.0513	—	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00579	0.00915	28.8	—	pCi/L	0.0379	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.124	0.0203	30	—	pCi/L	0.034	—	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.29	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.35	—	38	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.35	—	—	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.35	—	2000	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.35	—	—	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.35	—	1.2	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.35	—	354	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC

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Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.35	—	75	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.68	—	3.7	—	µg/L	—	3.68	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.35	—	9.81	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.35	—	5	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.35	—	20	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.35	—	0.137	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.35	—	59	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.335	—	6	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.335	—	200	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.35	—	1	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0955	—	9.8	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.335	—	1720	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.35	—	70	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.35	—	45.3	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.35	—	2.37	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0955	—	2.37	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0955	—	9.66	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.35	—	122	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.35	—	4.59	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.35	—	20	—	µg/L	—	3.35	Y	UH	R	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.335	—	117	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.335	—	612	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.35	—	7.9	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.35	—	250	—	µg/L	—	3.35	Y	UH	R	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.718	—	70	—	ng/L	—	0.718	Y	U	U	N3B-2020-75	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.35	—	3	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.335	—	—	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.335	—	0.343	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0955	—	1.9	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.335	—	0.343	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.335	—	802	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.335	—	3.43	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.335	—	—	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.335	—	34.3	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0955	—	1000	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.358	—	—	—	µg/L	—	0.358	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.629	—	70	—	ng/L	—	0.629	Y	U	U	N3B-2020-75	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.593	—	70	—	ng/L	—	0.593	Y	U	U	N3B-2020-75	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0955	—	1.9	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0955	—	39.4	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.335	—	0.2	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.58	—	38.7	—	µg/L	—	5.58	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.35	—	1.52	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.335	—	0.0343	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.35	—	—	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.35	—	0.00167	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-66	CAWR-20-186514	SwRI
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.335	—	0.12	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.35	—	240	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.597	—	—	—	µg/L	—	0.597	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.35	—	1400	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.35	—	0.485	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0955	—	0.485	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.35	—	3.07	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.358	—	—	—	µg/L	—	0.358	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.35	—	0.11	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-66	CAWR-20-186514	SwRI
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.69	—	130	—	µg/L	—	4.69	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.35	—	0.00491	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-66	CAWR-20-186514	SwRI
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	4.13	—	—	—	µg/L	—	4.13	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.69	—	75000	—	µg/L	—	6.69	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.597	—	—	—	µg/L	—	0.597	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.35	—	3.28	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.35	—	—	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.35	—	50	—	µg/L	—	3.35	Y	U	UJ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.119	—	190	—	µg/L	—	0.119	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.358	—	—	—	µg/L	—	0.358	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.91	—	781	—	µg/L	—	3.91	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.335	—	535	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.335	—	14800	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.335	—	885	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.335	—	170	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.335	—	160	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.335	—	288	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.35	—	1.39	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.35	—	1	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.35	—	11.9	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0979	—	3.14	—	µg/L	—	0.0979	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.35	—	190	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.35	—	—	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.35	—	7	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.335	—	11.4	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.335	—	1.65	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.335	—	35.1	—	µg/L	—	0.335	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.457	—	733	—	µg/L	—	0.457	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.35	—	1.25	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.35	—	0.0273	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-66	CAWR-20-186514	SwRI
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.35	—	0.00109	—	µg/L	—	4.35	Y	U	UJ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.35	—	0.37	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-66	CAWR-20-186514	SwRI
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.35	—	930	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.35	—	600	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC

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Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.35	—	91	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.35	—	1.66	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.35	—	1170	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.35	—	1.4	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0955	—	1.4	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0955	—	1.74	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.35	—	—	—	µg/L	—	3.35	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0955	—	590	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0955	—	2	—	µg/L	—	0.0955	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.179	—	42.7	—	µg/L	—	0.179	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.8	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0127	0.00735	—	—	pCi/L	0.0425	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.46	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	38.0	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.3	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.1	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.15	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.286	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.742	1.12	—	—	pCi/L	4.87	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.36	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.71	1.38	—	—	pCi/L	4.52	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.597	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.01	0.665	15	—	pCi/L	2.22	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.11	0.893	—	—	pCi/L	2.82	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.088	0.885	20000	—	pCi/L	3.002	—	Y	U	U	N3B-2020-89	CAWR-20-186514	ARSL
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.7	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.07	—	—	—	mg/L	—	0.05	Y	—	J+	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.48	22.3	—	—	pCi/L	47.7	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.951	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.5	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	29.4	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.179	0.859	—	—	pCi/L	3.58	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0286	—	—	—	mg/L	—	0.017	Y	J	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.4	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.42	2.18	—	—	pCi/L	8.65	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.8	Y	U	U	N3B-2020-75	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.04	—	—	—	mg/L	—	0.02	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00623	0.00689	—	—	pCi/L	0.0377	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00208	0.00856	—	—	pCi/L	0.0366	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.403	0.115	5	—	pCi/L	0.22	—	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.665	0.241	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.262	0.212	5	—	pCi/L	0.716	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.95	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	189.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0335	0.0927	8	—	pCi/L	0.312	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	150.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-75	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	mg/L	—	0.33	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.11	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.28	0.0769	27.2	—	pCi/L	0.0888	—	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0492	0.0176	28.8	—	pCi/L	0.0638	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.736	0.0588	30	—	pCi/L	0.104	—	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16.4	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	0.0	10/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	0.0	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.087	—	9.8	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.087	—	2.37	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.087	—	9.66	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.26	—	20	—	µg/L	—	3.26	Y	UH	UJ	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.26	—	250	—	µg/L	—	3.26	Y	UH	UJ	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.696	—	70	—	ng/L	—	0.696	Y	U	U	N3B-2020-19	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.087	—	1.9	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.087	—	1000	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.326	—	—	—	µg/L	—	0.326	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	1.07	—	70	—	ng/L	—	0.609	Y	J	J	N3B-2020-19	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	0.617	—	70	—	ng/L	—	0.574	Y	J	J	N3B-2020-19	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.087	—	1.9	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.087	—	39.4	—	µg/L	—	0.087	Y	U	UJ	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.19	—	—	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188068	SwRI
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.544	—	—	—	µg/L	—	0.544	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.087	—	0.485	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.326	—	—	—	µg/L	—	0.326	Y	U	UJ	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188068	SwRI
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-12	CAWR-20-188068	SwRI
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.544	—	—	—	µg/L	—	0.544	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.16	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC

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Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.109	—	190	—	µg/L	—	0.109	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.326	—	—	—	µg/L	—	0.326	Y	U	R	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0892	—	3.14	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-12	CAWR-20-188068	SwRI
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-12	CAWR-20-188068	SwRI
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.087	—	1.4	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.087	—	1.74	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.087	—	590	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.087	—	2	—	µg/L	—	0.087	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.163	—	42.7	—	µg/L	—	0.163	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0	0.0111	—	—	pCi/L	0.0321	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.29	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.4	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.5	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.94	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.441	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.39	1.68	—	—	pCi/L	6.92	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.58	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.93	1.33	—	—	pCi/L	4.53	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.544	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.15	0.853	15	—	pCi/L	2.9	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.76	0.944	—	—	pCi/L	2.91	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.89	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.7	22.3	—	—	pCi/L	83.9	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.85	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.6	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0632	1.36	—	—	pCi/L	5.4	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.49	3.11	—	—	pCi/L	11.3	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	1.687	—	70	—	ng/L	—	0.696	Y	J	J	N3B-2020-19	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0883	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.028	0.0131	—	—	pCi/L	0.049	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0196	0.0165	—	—	pCi/L	0.0528	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.358	0.132	5	—	pCi/L	0.304	—	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.522	0.248	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.164	0.21	5	—	pCi/L	0.732	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.1	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.14	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	226.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0531	0.133	8	—	pCi/L	0.478	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157.0	—	1000	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.389	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.79	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.951	0.0458	27.2	—	pCi/L	0.0459	—	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0311	0.011	28.8	—	pCi/L	0.034	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.553	0.0351	30	—	pCi/L	0.0305	—	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.9	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.16	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0908	—	9.8	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0908	—	2.37	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0908	—	9.66	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.31	—	20	—	µg/L	—	3.31	Y	UH	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.31	—	250	—	µg/L	—	3.31	Y	UH	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.737	—	70	—	ng/L	—	0.737	Y	U	U	N3B-2020-20	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0908	—	1.9	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0908	—	1000	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.341	—	—	—	µg/L	—	0.341	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.645	—	70	—	ng/L	—	0.645	Y	U	U	N3B-2020-20	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.608	—	70	—	ng/L	—	0.608	Y	U	U	N3B-2020-20	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0908	—	1.9	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0908	—	39.4	—	µg/L	—	0.0908	Y	U	UJ	N3B-2020-16	CAWR-20-188069	GELC

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Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188069	SwRI
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.568	—	—	—	µg/L	—	0.568	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0908	—	0.485	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.341	—	—	—	µg/L	—	0.341	Y	U	UJ	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188069	SwRI
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-12	CAWR-20-188069	SwRI
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.568	—	—	—	µg/L	—	0.568	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.114	—	190	—	µg/L	—	0.114	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.341	—	—	—	µg/L	—	0.341	Y	U	R	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0931	—	3.14	—	µg/L	—	0.0931	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000478	—	0.0273	—	µg/L	—	0.00047	Y	J	J	N3B-2020-12	CAWR-20-188069	SwRI
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-12	CAWR-20-188069	SwRI
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0908	—	1.4	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0908	—	1.74	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0908	—	590	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0908	—	2	—	µg/L	—	0.0908	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.17	—	42.7	—	µg/L	—	0.17	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.9	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00252	0.0116	—	—	pCi/L	0.0342	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.24	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.3	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.0	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.6	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.77	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.443	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.174	1.73	—	—	pCi/L	6.71	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.15	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0966	1.19	—	—	pCi/L	4.7	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.524	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.22	0.97	15	—	pCi/L	2.89	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.28	0.872	—	—	pCi/L	2.89	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.512	0.848	20000	—	pCi/L	2.834	—	Y	U	U	N3B-2020-89	CAWR-20-188069	ARSL
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	58.7	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.82	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.3	22.4	—	—	pCi/L	84.1	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.77	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.3	1.49	—	—	pCi/L	4.96	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0241	—	—	—	mg/L	—	0.017	Y	J	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.31	3.01	—	—	pCi/L	10.9	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.84	Y	U	U	N3B-2020-20	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0369	—	—	—	mg/L	—	0.02	Y	J	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0107	0.0107	—	—	pCi/L	0.0469	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00268	0.00804	—	—	pCi/L	0.0507	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.304	0.189	5	—	pCi/L	0.625	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.304	0.255	5	—	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0164	0.171	5	—	pCi/L	0.635	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.1	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.15	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	220.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.139	0.146	8	—	pCi/L	0.496	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126.0	—	1000	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-20	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.334	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.4	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.785	0.0487	27.2	—	pCi/L	0.062	—	Y	—	NQ	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.014	0.0111	28.8	—	pCi/L	0.0459	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.411	0.0346	30	—	pCi/L	0.0412	—	Y	—	NQ	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.7	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.31	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.38	—	1000	—	µg/L	—	0.3	Y	J	J	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0827	—	9.8	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC

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Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0827	—	2.37	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0827	—	9.66	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.21	—	20	—	µg/L	—	3.21	Y	UH	UJ	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.21	—	250	—	µg/L	—	3.21	Y	UH	UJ	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.724	—	70	—	ng/L	—	0.724	Y	U	U	N3B-2020-19	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0827	—	1.9	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0827	—	1000	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.31	—	—	—	µg/L	—	0.31	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.634	—	70	—	ng/L	—	0.634	Y	U	U	N3B-2020-19	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.598	—	70	—	ng/L	—	0.598	Y	U	U	N3B-2020-19	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0827	—	1.9	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0827	—	39.4	—	µg/L	—	0.0827	Y	U	UJ	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.18	—	—	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188070	SwRI
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.517	—	—	—	µg/L	—	0.517	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0827	—	0.485	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.31	—	—	—	µg/L	—	0.31	Y	U	UJ	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188070	SwRI
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-12	CAWR-20-188070	SwRI
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.517	—	—	—	µg/L	—	0.517	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.88	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.103	—	190	—	µg/L	—	0.103	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.31	—	—	—	µg/L	—	0.31	Y	U	R	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0848	—	3.14	—	µg/L	—	0.0848	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-12	CAWR-20-188070	SwRI
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-12	CAWR-20-188070	SwRI
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0827	—	1.4	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0827	—	1.74	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0827	—	590	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0827	—	2	—	µg/L	—	0.0827	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.155	—	42.7	—	µg/L	—	0.155	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.5	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00684	0.00822	—	—	pCi/L	0.0309	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.92	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.0	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	8.94	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.426	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.424	1.16	—	—	pCi/L	4.95	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.2	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.171	0.988	—	—	pCi/L	3.74	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.501	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.72	0.906	15	—	pCi/L	2.79	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.05	0.897	—	—	pCi/L	2.9	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.472	0.883	20000	—	pCi/L	2.958	—	Y	U	U	N3B-2020-90	CAWR-20-188070	ARSL
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.6	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.82	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.7	18.9	—	—	pCi/L	72.3	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.28	—	—	—	mg/L	—	0.11	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.2	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.117	1.08	—	—	pCi/L	4.53	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0264	—	—	—	mg/L	—	0.017	Y	J	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.448	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.65	1.93	—	—	pCi/L	7.18	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.81	Y	U	U	N3B-2020-19	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0836	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00258	0.0139	—	—	pCi/L	0.0451	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0155	0.0126	—	—	pCi/L	0.0487	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.613	0.204	5	—	pCi/L	0.49	—	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.781	0.273	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.168	0.18	5	—	pCi/L	0.631	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.6	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	153.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.161	0.0702	8	—	pCi/L	0.25	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137.0	—	1000	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.446	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.3	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.918	0.0535	27.2	—	pCi/L	0.0652	—	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0221	0.0138	28.8	—	pCi/L	0.0483	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.56	0.0423	30	—	pCi/L	0.0433	—	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.7	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.66	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0352	—	0.5	—	µg/L	—	0.0352	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0352	—	0.5	—	µg/L	—	0.0352	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0352	—	0.5	—	µg/L	—	0.0352	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0352	—	0.5	—	µg/L	—	0.0352	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0839	—	9.8	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0839	—	2.37	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0839	—	9.66	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.18	—	20	—	µg/L	—	3.18	Y	UH	UJ	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0352	—	0.5	—	µg/L	—	0.0352	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0352	—	0.5	—	µg/L	—	0.0352	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.18	—	250	—	µg/L	—	3.18	Y	UH	UJ	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	N	0.00000144	—	0.00003	—	µg/L	—	0.0000050	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.712	—	70	—	ng/L	—	0.712	Y	U	U	N3B-2020-20	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0839	—	1.9	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3	N	0.00000524	—	0.00013	—	µg/L	—	0.0000213	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0839	—	1000	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Pentachlorodibenzofurans (Totals)	30402-15-4	N	0.0	—	—	—	µg/L	—	—	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.315	—	—	—	µg/L	—	0.315	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000105	—	—	—	µg/L	—	0.0000349	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.623	—	70	—	ng/L	—	0.623	Y	U	U	N3B-2020-20	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Hexachlorodibenzodioxins (Total)	34465-46-8	N	0.0	—	0.00013	—	µg/L	—	—	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.588	—	70	—	ng/L	—	0.588	Y	U	U	N3B-2020-20	CAWR-20-188071	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0839	—	1.9	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000524	—	—	—	µg/L	—	0.0000198	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Pentachlorodibenzodioxins (Total)	36088-22-9	N	0.0	—	—	—	µg/L	—	—	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0.0	—	—	—	µg/L	—	—	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N	0.0	—	—	—	µg/L	—	—	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.0000105	—	—	—	µg/L	—	0.0000398	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6	N	0.00000524	—	—	—	µg/L	—	0.0000231	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4	N	0.00000524	—	—	—	µg/L	—	0.0000283	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Tetrachlorodibenzodioxins (Total)	41903-57-5	N	0.0	—	—	—	µg/L	—	—	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0839	—	39.4	—	µg/L	—	0.0839	Y	U	UJ	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	N	0.00000175	—	0.00000184	—	µg/L	—	0.00000391	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0352	—	0.5	—	µg/L	—	0.0352	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.57	—	—	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188071	SwRI
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7	N	0.00000524	—	—	—	µg/L	—	0.0000175	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Hexachlorodibenzofurans (Total)	55684-94-1	N	0.0	—	—	—	µg/L	—	—	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Tetrachlorodibenzofurans (Totals)	55722-27-5	N	0.0	—	0.00000184	—	µg/L	—	—	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4	N	0.00000524	—	—	—	µg/L	—	0.0000224	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	N	0.00000524	—	—	—	µg/L	—	0.0000214	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9	N	0.00000524	—	—	—	µg/L	—	0.0000175	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7	N	0.00000524	—	—	—	µg/L	—	0.0000183	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.525	—	—	—	µg/L	—	0.525	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0839	—	0.485	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5	N	0.00000524	—	—	—	µg/L	—	0.0000175	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.315	—	—	—	µg/L	—	0.315	Y	U	UJ	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188071	SwRI
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-12	CAWR-20-188071	SwRI
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.525	—	—	—	µg/L	—	0.525	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000524	—	—	—	µg/L	—	0.0000175	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	7.23	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	N	0.00000524	—	—	—	µg/L	—	0.0000175	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Dioxins Furans	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9	N	0.00000524	—	—	—	µg/L	—	0.0000175	Y	U	U	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.105	—	190	—	µg/L	—	0.105	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.315	—	—	—	µg/L	—	0.315	Y	U	R	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	Y	2.82	—	5560	—	µg/L	—	1.5	Y	J	J	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.086	—	3.14	—	µg/L	—	0.086	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-12	CAWR-20-188071	SwRI
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-12	CAWR-20-188071	SwRI
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0839	—	1.4	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0839	—	1.74	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0839	—	590	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0839	—	2	—	µg/L	—	0.0839	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.157	—	42.7	—	µg/L	—	0.157	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.3	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0	0.00984	—	—	pCi/L	0.0421	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.48	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.6	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.5	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.0	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.19	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.636	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.62	1.16	—	—	pCi/L	4.43	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.26	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	1.05	—	—	pCi/L	3.52	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.597	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.247	0.667	15	—	pCi/L	2.79	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.56	0.646	—	—	pCi/L	1.8	—	Y	—	NQ	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	69.8	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.61	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.7	17.2	—	—	pCi/L	63.8	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.2	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.232	1.09	—	—	pCi/L	4.36	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0179	—	—	—	mg/L	—	0.017	Y	J	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.05	2.27	—	—	pCi/L	7.66	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.78	Y	U	U	N3B-2020-20	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0646	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.014	0.0132	—	—	pCi/L	0.0407	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00465	0.0109	—	—	pCi/L	0.044	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.264	0.113	5	—	pCi/L	0.288	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.264	0.21	5	—	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.245	0.177	5	—	pCi/L	0.693	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.8	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	123.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.235	0.13	8	—	pCi/L	0.498	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186.0	—	1000	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.9	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-20	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.491	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.857	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.555	0.0399	27.2	—	pCi/L	0.0549	—	Y	—	NQ	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00619	0.0107	28.8	—	pCi/L	0.0406	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.246	0.027	30	—	pCi/L	0.0364	—	Y	—	NQ	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.24	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.39	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.087	—	9.8	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.087	—	2.37	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.087	—	9.66	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.2	—	20	—	µg/L	—	3.2	Y	UH	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.2	—	250	—	µg/L	—	3.2	Y	UH	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.715	—	70	—	ng/L	—	0.715	Y	U	U	N3B-2020-19	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.087	—	1.9	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.087	—	1000	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.326	—	—	—	µg/L	—	0.326	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.626	—	70	—	ng/L	—	0.626	Y	U	U	N3B-2020-19	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.59	—	70	—	ng/L	—	0.59	Y	U	U	N3B-2020-19	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.087	—	1.9	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.087	—	39.4	—	µg/L	—	0.087	Y	U	UJ	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188072	SwRI
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.544	—	—	—	µg/L	—	0.544	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.087	—	0.485	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.326	—	—	—	µg/L	—	0.326	Y	U	UJ	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188072	SwRI
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-12	CAWR-20-188072	SwRI
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.544	—	—	—	µg/L	—	0.544	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.109	—	190	—	µg/L	—	0.109	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.326	—	—	—	µg/L	—	0.326	Y	U	R	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0891	—	3.14	—	µg/L	—	0.0891	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-12	CAWR-20-188072	SwRI
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-12	CAWR-20-188072	SwRI
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.087	—	1.4	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.087	—	1.74	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.087	—	590	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.087	—	2	—	µg/L	—	0.087	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.163	—	42.7	—	µg/L	—	0.163	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00239	0.00716	—	—	pCi/L	0.0323	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.67	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.3	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.5	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.4	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.86	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.603	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.21	1.05	—	—	pCi/L	4.77	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.04	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.23	1.13	—	—	pCi/L	5.06	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.529	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.0	0.97	15	—	pCi/L	2.9	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	48.5	2.25	—	—	pCi/L	2.95	—	Y	—	NQ	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	2.188	0.899	20000	—	pCi/L	2.701	—	Y	U	U	N3B-2020-89	CAWR-20-188072	ARSL
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	70.2	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.1	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.8	16.9	—	—	pCi/L	61.6	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.67	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.18	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0443	1.02	—	—	pCi/L	4.09	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0901	1.99	—	—	pCi/L	7.45	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.79	Y	U	U	N3B-2020-19	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0903	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00673	0.00634	—	—	pCi/L	0.0467	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00896	0.00672	—	—	pCi/L	0.0505	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.159	0.137	5	—	pCi/L	0.488	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.177	0.217	5	—	pCi/L	—	—	Y	—	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0179	0.169	5	—	pCi/L	0.619	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.2	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.11	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.202	0.0824	8	—	pCi/L	0.268	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141.0	—	1000	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-19	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	mg/L	—	0.33	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.999	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.698	0.0405	27.2	—	pCi/L	0.0494	—	Y	—	NQ	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0112	0.00789	28.8	—	pCi/L	0.0366	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.379	0.0304	30	—	pCi/L	0.0328	—	Y	—	NQ	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.47	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188072	GELC
Spring 4A	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.46	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0841	—	9.8	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0841	—	2.37	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0841	—	9.66	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.13	—	20	—	µg/L	—	3.13	Y	UH	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.13	—	250	—	µg/L	—	3.13	Y	UH	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.728	—	70	—	ng/L	—	0.728	Y	U	U	N3B-2020-19	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0841	—	1.9	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0841	—	1000	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.315	—	—	—	µg/L	—	0.315	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.637	—	70	—	ng/L	—	0.637	Y	U	U	N3B-2020-19	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.601	—	70	—	ng/L	—	0.601	Y	U	U	N3B-2020-19	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0841	—	1.9	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0841	—	39.4	—	µg/L	—	0.0841	Y	U	UJ	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188073	SwRI
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.526	—	—	—	µg/L	—	0.526	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0841	—	0.485	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.315	—	—	—	µg/L	—	0.315	Y	U	UJ	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-12	CAWR-20-188073	SwRI
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-12	CAWR-20-188073	SwRI
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.526	—	—	—	µg/L	—	0.526	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	4.66	—	14100	—	µg/L	—	1.5	Y	J	R	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.105	—	190	—	µg/L	—	0.105	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.315	—	—	—	µg/L	—	0.315	Y	U	R	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0862	—	3.14	—	µg/L	—	0.0862	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-12	CAWR-20-188073	SwRI
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-12	CAWR-20-188073	SwRI
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0841	—	1.4	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0841	—	1.74	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0841	—	590	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0841	—	2	—	µg/L	—	0.0841	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.158	—	42.7	—	µg/L	—	0.158	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.8	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00729	0.0117	—	—	pCi/L	0.0329	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.53	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.3	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.4	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.1	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.45	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.672	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.37	1.51	—	—	pCi/L	3.34	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.01	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.08	1.31	—	—	pCi/L	3.49	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.549	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0701	0.622	15	—	pCi/L	2.8	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.817	0.778	—	—	pCi/L	2.67	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.097	0.852	20000	—	pCi/L	2.888	—	Y	U	U	N3B-2020-90	CAWR-20-188073	ARSL
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	74.6	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.77	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.56	15.3	—	—	pCi/L	37.6	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.29	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC

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Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.45	1.14	—	—	pCi/L	3.84	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0293	—	—	—	mg/L	—	0.017	Y	J	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.811	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.657	1.87	—	—	pCi/L	6.76	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.82	Y	U	U	N3B-2020-19	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0723	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00269	0.0117	—	—	pCi/L	0.0471	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0188	0.0123	—	—	pCi/L	0.0508	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.0537	0.208	5	—	pCi/L	0.867	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.104	0.239	5	—	pCi/L	—	—	Y	—	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.104	0.119	5	—	pCi/L	0.42	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.2	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.26	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0723	0.0709	8	—	pCi/L	0.246	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	107.0	—	1000	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-19	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0714	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	mg/L	—	0.33	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.406	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.839	0.0461	27.2	—	pCi/L	0.0527	—	Y	—	NQ	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0387	0.0115	28.8	—	pCi/L	0.039	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.414	0.0323	30	—	pCi/L	0.035	—	Y	—	NQ	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.97	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	0.0	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	0.0	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.18	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.78	—	1000	—	µg/L	—	0.3	Y	J	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0888	—	9.8	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0888	—	2.37	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0888	—	9.66	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.39	—	20	—	µg/L	—	3.39	Y	UH	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.39	—	250	—	µg/L	—	3.39	Y	UH	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.766	—	70	—	ng/L	—	0.766	Y	U	U	N3B-2020-19	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0888	—	1.9	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0888	—	1000	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.333	—	—	—	µg/L	—	0.333	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.67	—	70	—	ng/L	—	0.67	Y	U	U	N3B-2020-19	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.632	—	70	—	ng/L	—	0.632	Y	U	U	N3B-2020-19	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0888	—	1.9	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0888	—	39.4	—	µg/L	—	0.0888	Y	U	UJ	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188075	SwRI
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.555	—	—	—	µg/L	—	0.555	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0888	—	0.485	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.333	—	—	—	µg/L	—	0.333	Y	U	UJ	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188075	SwRI
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-35	CAWR-20-188075	SwRI
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.555	—	—	—	µg/L	—	0.555	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.111	—	190	—	µg/L	—	0.111	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.333	—	—	—	µg/L	—	0.333	Y	U	R	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.091	—	3.14	—	µg/L	—	0.091	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-35	CAWR-20-188075	SwRI
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-35	CAWR-20-188075	SwRI
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0888	—	1.4	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0888	—	1.74	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0888	—	590	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0888	—	2	—	µg/L	—	0.0888	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.166	—	42.7	—	µg/L	—	0.166	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.7	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0215	0.0108	—	—	pCi/L	0.0364	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.8	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.2	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.6	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.37	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.411	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.4	0.962	—	—	pCi/L	3.22	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.49	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.659	1.14	—	—	pCi/L	4.5	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.562	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.29	0.99	15	—	pCi/L	2.87	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.4	0.96	—	—	pCi/L	2.83	—	Y	—	NQ	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.06	0.839	20000	—	pCi/L	2.853	—	Y	U	U	N3B-2020-89	CAWR-20-188075	ARSL
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	63.7	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.02	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.318	16.5	—	—	pCi/L	66.8	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.64	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.956	—	1000	—	µg/L	—	0.2	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.283	1.17	—	—	pCi/L	4.66	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.794	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.222	2.29	—	—	pCi/L	8.61	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.91	Y	U	U	N3B-2020-19	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0959	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0136	0.00979	—	—	pCi/L	0.0475	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00543	0.00767	—	—	pCi/L	0.0513	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.157	0.228	5	—	pCi/L	0.844	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.228	0.283	5	—	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0713	0.169	5	—	pCi/L	0.606	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.7	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.08	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.5	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0606	0.0605	8	—	pCi/L	0.213	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	221.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-19	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	mg/L	—	0.33	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.552	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.876	0.0492	27.2	—	pCi/L	0.0564	—	Y	—	NQ	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.035	0.0159	28.8	—	pCi/L	0.0418	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.446	0.0345	30	—	pCi/L	0.0375	—	Y	—	NQ	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.85	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188075	GELC
Spring 5	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.47	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.51	—	1000	—	µg/L	—	0.3	Y	BJ	J	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0892	—	9.8	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0892	—	2.37	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0892	—	9.66	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.47	—	20	—	µg/L	—	3.47	Y	UH	UJ	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.47	—	250	—	µg/L	—	3.47	Y	UH	UJ	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.704	—	70	—	ng/L	—	0.704	Y	U	U	N3B-2020-20	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0892	—	1.9	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0892	—	1000	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.335	—	—	—	µg/L	—	0.335	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.616	—	70	—	ng/L	—	0.616	Y	U	U	N3B-2020-20	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.581	—	70	—	ng/L	—	0.581	Y	U	U	N3B-2020-20	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0892	—	1.9	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0892	—	39.4	—	µg/L	—	0.0892	Y	U	UJ	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.27	—	—	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188077	SwRI
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.558	—	—	—	µg/L	—	0.558	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0892	—	0.485	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.335	—	—	—	µg/L	—	0.335	Y	U	UJ	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188077	SwRI
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-35	CAWR-20-188077	SwRI
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.558	—	—	—	µg/L	—	0.558	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	3.07	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.86	—	5	—	µg/L	—	1.0	Y	J	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.112	—	190	—	µg/L	—	0.112	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.335	—	—	—	µg/L	—	0.335	Y	U	R	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0915	—	3.14	—	µg/L	—	0.0915	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-35	CAWR-20-188077	SwRI
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-35	CAWR-20-188077	SwRI
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0892	—	1.4	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC

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Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0892	—	1.74	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0892	—	590	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0892	—	2	—	µg/L	—	0.0892	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.167	—	42.7	—	µg/L	—	0.167	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00279	0.00924	—	—	pCi/L	0.0377	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.74	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.19	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.5	1.34	—	—	pCi/L	3.85	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.78	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.163	1.28	—	—	pCi/L	4.92	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.605	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.31	0.982	15	—	pCi/L	2.9	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.1	0.877	—	—	pCi/L	2.95	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.457	0.833	20000	—	pCi/L	2.792	—	Y	U	U	N3B-2020-90	CAWR-20-188077	ARSL
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	56.2	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.99	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.7	17.5	—	—	pCi/L	67.0	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.07	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.502	1.13	—	—	pCi/L	4.85	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0247	—	—	—	mg/L	—	0.017	Y	J	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.846	2.47	—	—	pCi/L	9.23	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.76	Y	U	U	N3B-2020-20	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	mg/L	—	0.02	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0222	0.00762	—	—	pCi/L	0.0385	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0166	0.00691	—	—	pCi/L	0.0416	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0	0.169	5	—	pCi/L	0.718	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.139	0.287	5	—	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.139	0.231	5	—	pCi/L	0.809	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.8	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.74	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	88.9	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.159	0.0737	8	—	pCi/L	0.262	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.377	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.705	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.412	0.0342	27.2	—	pCi/L	0.0568	—	Y	—	NQ	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0289	0.0116	28.8	—	pCi/L	0.0421	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.226	0.025	30	—	pCi/L	0.0377	—	Y	—	NQ	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.68	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.35	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0836	—	9.8	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0836	—	2.37	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0836	—	9.66	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.54	—	20	—	µg/L	—	3.54	Y	UH	UJ	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.54	—	250	—	µg/L	—	3.54	Y	UH	UJ	N3B-2020-23	CAWR-20-188078	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.69	—	70	—	ng/L	—	0.69	Y	U	U	N3B-2020-19	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0836	—	1.9	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0836	—	1000	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.314	—	—	—	µg/L	—	0.314	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.604	—	70	—	ng/L	—	0.604	Y	U	U	N3B-2020-19	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.569	—	70	—	ng/L	—	0.569	Y	U	U	N3B-2020-19	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0836	—	1.9	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0836	—	39.4	—	µg/L	—	0.0836	Y	U	UJ	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.36	—	—	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000192	—	0.00167	—	µg/L	—	0.00018	Y	J	J	N3B-2020-35	CAWR-20-188078	SwRI
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.523	—	—	—	µg/L	—	0.523	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0836	—	0.485	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.314	—	—	—	µg/L	—	0.314	Y	U	UJ	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188078	SwRI
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-35	CAWR-20-188078	SwRI
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.523	—	—	—	µg/L	—	0.523	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.24	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.77	—	5	—	µg/L	—	1.0	Y	J	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.105	—	190	—	µg/L	—	0.105	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.314	—	—	—	µg/L	—	0.314	Y	U	R	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0857	—	3.14	—	µg/L	—	0.0857	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-35	CAWR-20-188078	SwRI
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-35	CAWR-20-188078	SwRI
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0836	—	1.4	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0836	—	1.74	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0836	—	590	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0836	—	2	—	µg/L	—	0.0836	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.157	—	42.7	—	µg/L	—	0.157	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0111	0.00665	—	—	pCi/L	0.03	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.1	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	—	µg/L	—	15.0	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.2	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00778	0.801	—	—	pCi/L	3.13	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.87	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.25	1.91	—	—	pCi/L	4.32	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.515	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.78	0.815	15	—	pCi/L	2.97	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-2.03	0.765	—	—	pCi/L	2.92	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.8	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.92	13.4	—	—	pCi/L	56.4	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.42	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.06	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.452	1.07	—	—	pCi/L	4.52	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.245	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.98	2.0	—	—	pCi/L	6.5	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.73	Y	U	U	N3B-2020-19	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0968	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0105	0.0116	—	—	pCi/L	0.0611	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0174	0.0174	—	—	pCi/L	0.0659	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.217	0.144	5	—	pCi/L	0.479	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.217	0.187	5	—	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.207	0.119	5	—	pCi/L	0.511	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.2	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.236	0.145	8	—	pCi/L	0.479	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.355	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.217	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.227	0.0232	27.2	—	pCi/L	0.046	—	Y	—	NQ	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00778	0.00778	28.8	—	pCi/L	0.034	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0945	0.0156	30	—	pCi/L	0.0305	—	Y	—	NQ	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.14	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.27	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.35	—	1000	—	µg/L	—	0.3	Y	J	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.37	—	1000	—	µg/L	—	0.3	Y	J	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0895	—	9.8	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0863	—	9.8	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0895	—	2.37	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0863	—	2.37	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0895	—	9.66	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0863	—	9.66	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	UH	UJ	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.41	—	20	—	µg/L	—	3.41	Y	UH	UJ	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	UH	UJ	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.41	—	250	—	µg/L	—	3.41	Y	UH	UJ	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.726	—	70	—	ng/L	—	0.726	Y	U	U	N3B-2020-19	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.73	—	70	—	ng/L	—	0.73	Y	U	U	N3B-2020-19	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0895	—	1.9	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0863	—	1.9	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0895	—	1000	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0863	—	1000	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.336	—	—	—	µg/L	—	0.336	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.324	—	—	—	µg/L	—	0.324	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.635	—	70	—	ng/L	—	0.635	Y	U	U	N3B-2020-19	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.639	—	70	—	ng/L	—	0.639	Y	U	U	N3B-2020-19	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.599	—	70	—	ng/L	—	0.599	Y	U	U	N3B-2020-19	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.602	—	70	—	ng/L	—	0.602	Y	U	U	N3B-2020-19	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0895	—	1.9	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0863	—	1.9	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0895	—	39.4	—	µg/L	—	0.0895	Y	U	UJ	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0863	—	39.4	—	µg/L	—	0.0863	Y	U	UJ	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188079	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188080	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.56	—	—	—	µg/L	—	0.56	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.539	—	—	—	µg/L	—	0.539	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0895	—	0.485	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0863	—	0.485	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.336	—	—	—	µg/L	—	0.336	Y	U	UJ	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.324	—	—	—	µg/L	—	0.324	Y	U	UJ	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188079	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188080	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-35	CAWR-20-188079	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-35	CAWR-20-188080	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.56	—	—	—	µg/L	—	0.56	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.539	—	—	—	µg/L	—	0.539	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	6.55	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	5.81	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.112	—	190	—	µg/L	—	0.112	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.108	—	190	—	µg/L	—	0.108	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.336	—	—	—	µg/L	—	0.336	Y	U	R	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.324	—	—	—	µg/L	—	0.324	Y	U	R	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0918	—	3.14	—	µg/L	—	0.0918	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0885	—	3.14	—	µg/L	—	0.0885	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-35	CAWR-20-188079	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-35	CAWR-20-188080	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-35	CAWR-20-188079	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-35	CAWR-20-188080	SwRI
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0895	—	1.4	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0863	—	1.4	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0895	—	1.74	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0863	—	1.74	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0895	—	590	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0863	—	590	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0895	—	2	—	µg/L	—	0.0895	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0863	—	2	—	µg/L	—	0.0863	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.168	—	42.7	—	µg/L	—	0.168	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.162	—	42.7	—	µg/L	—	0.162	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.4	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0674	0.0421	—	—	pCi/L	0.152	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0	0.0165	—	—	pCi/L	0.0477	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	—	µg/L	—	15.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	—	µg/L	—	15.0	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.9	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	28.4	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.275	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.291	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.829	1.14	—	—	pCi/L	3.97	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.388	1.04	—	—	pCi/L	4.05	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.41	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.13	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.693	1.03	—	—	pCi/L	3.9	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.788	1.03	—	—	pCi/L	4.07	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.361	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.19	1.0	15	—	pCi/L	2.94	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.92	1.1	15	—	pCi/L	2.98	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.78	1.06	—	—	pCi/L	2.66	—	Y	—	NQ	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.36	0.909	—	—	pCi/L	2.8	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	-0.222	0.862	20000	—	pCi/L	2.942	—	Y	U	U	N3B-2020-90	CAWR-20-188079	ARSL
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.926	0.895	20000	—	pCi/L	2.941	—	Y	U	U	N3B-2020-90	CAWR-20-188080	ARSL
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	36.2	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.96	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.93	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.1	15.5	—	—	pCi/L	59.2	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-22.1	16.1	—	—	pCi/L	58.3	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.88	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.59	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	5.69	—	200	—	µg/L	—	2.0	Y	J	J	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.71	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.3	0.837	—	—	pCi/L	3.47	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.246	0.991	—	—	pCi/L	3.91	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0226	—	—	—	mg/L	—	0.017	Y	J	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.19	—	200	—	µg/L	—	0.6	Y	J	J	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.44	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.441	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.81	1.94	—	—	pCi/L	7.43	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.65	2.05	—	—	pCi/L	7.92	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.82	Y	U	U	N3B-2020-19	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.83	Y	U	U	N3B-2020-19	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.086	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.078	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000000013	0.0446	—	—	pCi/L	0.195	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0365	0.0127	—	—	pCi/L	0.064	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0669	0.0473	—	—	pCi/L	0.211	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0146	0.0171	—	—	pCi/L	0.069	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.289	0.149	5	—	pCi/L	0.457	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.514	0.16	5	—	pCi/L	0.328	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.674	0.2	5	—	pCi/L	—	—	Y	—	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.84	0.214	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.385	0.134	5	—	pCi/L	0.398	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.326	0.141	5	—	pCi/L	0.441	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.7	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.4	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.132	0.0912	8	—	pCi/L	0.317	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.299	0.122	8	—	pCi/L	0.487	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.651	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.111	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.625	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.339	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.222	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.238	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.505	0.102	27.2	—	pCi/L	0.246	—	Y	—	NQ	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.289	0.0272	27.2	—	pCi/L	0.0504	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0416	0.05	28.8	—	pCi/L	0.182	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0399	0.0134	28.8	—	pCi/L	0.0373	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.415	0.0847	30	—	pCi/L	0.163	—	Y	—	NQ	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.166	0.0237	30	—	pCi/L	0.0335	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.26	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.56	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	0.0	10/02/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.52	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	0.0	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	7.74	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.57	—	1000	—	µg/L	—	0.3	Y	J	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0921	—	9.8	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0921	—	2.37	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0921	—	9.66	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.29	—	20	—	µg/L	—	3.29	Y	UH	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.29	—	250	—	µg/L	—	3.29	Y	UH	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.734	—	70	—	ng/L	—	0.734	Y	U	U	N3B-2020-19	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0921	—	1.9	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0921	—	1000	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.345	—	—	—	µg/L	—	0.345	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.643	—	70	—	ng/L	—	0.643	Y	U	U	N3B-2020-19	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.606	—	70	—	ng/L	—	0.606	Y	U	U	N3B-2020-19	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0921	—	1.9	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0921	—	39.4	—	µg/L	—	0.0921	Y	U	UJ	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000243	—	0.00167	—	µg/L	—	0.00018	Y	J	J	N3B-2020-35	CAWR-20-188081	SwRI
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.576	—	—	—	µg/L	—	0.576	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0921	—	0.485	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.345	—	—	—	µg/L	—	0.345	Y	U	UJ	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188081	SwRI
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-35	CAWR-20-188081	SwRI
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.576	—	—	—	µg/L	—	0.576	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	6.44	—	14100	—	µg/L	—	1.5	Y	J	R	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.115	—	190	—	µg/L	—	0.115	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.345	—	—	—	µg/L	—	0.345	Y	U	R	N3B-2020-16	CAWR-20-188081	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0944	—	3.14	—	µg/L	—	0.0944	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-35	CAWR-20-188081	SwRI
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-35	CAWR-20-188081	SwRI
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0921	—	1.4	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0921	—	1.74	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0921	—	590	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0921	—	2	—	µg/L	—	0.0921	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.173	—	42.7	—	µg/L	—	0.173	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00306	0.0133	—	—	pCi/L	0.0414	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.86	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	—	µg/L	—	15.0	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.6	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.54	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.9	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.151	—	13.8	—	µg/L	—	0.05	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.35	1.2	—	—	pCi/L	5.35	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	8.32	1.76	—	—	pCi/L	3.58	—	Y	UI	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.575	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	39.6	—	1000	—	µg/L	—	30.0	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.73	0.9	15	—	pCi/L	2.82	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.81	0.963	—	—	pCi/L	2.94	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.392	0.806	20000	—	pCi/L	2.741	—	Y	U	U	N3B-2020-89	CAWR-20-188081	ARSL
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.03	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.00171	22.8	—	—	pCi/L	47.7	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.08	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.41	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.73	1.12	—	—	pCi/L	3.73	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.695	—	200	—	µg/L	—	0.6	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.06	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.5	2.15	—	—	pCi/L	8.38	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.84	Y	U	U	N3B-2020-19	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0415	—	—	—	mg/L	—	0.02	Y	J	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000596	0.0223	—	—	pCi/L	0.108	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0119	0.0223	—	—	pCi/L	0.105	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.72	0.174	5	—	pCi/L	0.29	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.72	0.222	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0407	0.138	5	—	pCi/L	0.523	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.99	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	111.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.6	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.167	0.0937	8	—	pCi/L	0.328	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-19	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0521	—	—	—	mg/L	—	0.033	Y	J	J	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.675	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.15	—	30	—	µg/L	—	0.067	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.328	0.0391	27.2	—	pCi/L	0.0887	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0	0.0123	28.8	—	pCi/L	0.0657	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0891	0.0229	30	—	pCi/L	0.0589	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.69	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1.14	—	1000	—	µg/L	—	0.3	Y	—	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0869	—	9.8	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0869	—	2.37	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0869	—	9.66	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.43	—	20	—	µg/L	—	3.43	Y	UH	UJ	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.43	—	250	—	µg/L	—	3.43	Y	UH	UJ	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.738	—	70	—	ng/L	—	0.738	Y	U	U	N3B-2020-19	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0869	—	1.9	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0869	—	1000	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.326	—	—	—	µg/L	—	0.326	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.646	—	70	—	ng/L	—	0.646	Y	U	U	N3B-2020-19	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.609	—	70	—	ng/L	—	0.609	Y	U	U	N3B-2020-19	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0869	—	1.9	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0869	—	39.4	—	µg/L	—	0.0869	Y	U	UJ	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188082	SwRI
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.543	—	—	—	µg/L	—	0.543	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	Y	0.34	—	3930	—	µg/L	—	0.3	Y	J	J	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0869	—	0.485	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.326	—	—	—	µg/L	—	0.326	Y	U	UJ	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-35	CAWR-20-188082	SwRI
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-35	CAWR-20-188082	SwRI
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.543	—	—	—	µg/L	—	0.543	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	5.75	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.109	—	190	—	µg/L	—	0.109	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.326	—	—	—	µg/L	—	0.326	Y	U	R	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0891	—	3.14	—	µg/L	—	0.0891	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-35	CAWR-20-188082	SwRI
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-35	CAWR-20-188082	SwRI
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0869	—	1.4	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0869	—	1.74	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0869	—	590	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0869	—	2	—	µg/L	—	0.0869	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.163	—	42.7	—	µg/L	—	0.163	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00517	0.00967	—	—	pCi/L	0.035	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	—	µg/L	—	15.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.2	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.248	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.562	1.54	—	—	pCi/L	7.14	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.51	1.79	—	—	pCi/L	7.45	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.449	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.84	1.04	15	—	pCi/L	2.87	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.02	1.03	—	—	pCi/L	2.82	—	Y	—	NQ	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	37.5	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.4	24.5	—	—	pCi/L	106.0	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.94	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.22	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0658	1.1	—	—	pCi/L	5.24	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.162	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.09	3.57	—	—	pCi/L	13.0	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.84	Y	U	U	N3B-2020-19	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0745	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0229	0.0135	—	—	pCi/L	0.0572	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0	0.0122	—	—	pCi/L	0.0617	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0391	0.141	5	—	pCi/L	0.563	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0406	0.221	5	—	pCi/L	—	—	Y	—	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00154	0.17	5	—	pCi/L	0.617	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.01	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.9	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00943	0.111	8	—	pCi/L	0.375	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0645	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC

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Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.36	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.17	—	30	—	µg/L	—	0.067	Y	J	J	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.218	0.0243	27.2	—	pCi/L	0.0491	—	Y	—	NQ	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0111	0.00679	28.8	—	pCi/L	0.0364	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	0.0181	30	—	pCi/L	0.0326	—	Y	—	NQ	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.58	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	0.0	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	0.0	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.07	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2020-38	CAWR-20-186731	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.28	—	38	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.33	—	38	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.28	—	—	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.33	—	—	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.28	—	2000	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.33	—	2000	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.28	—	—	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.33	—	—	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.28	—	1.2	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.33	—	1.2	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.28	—	354	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.33	—	354	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.28	—	75	—	µg/L	—	3.28	Y	U	UJ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.33	—	75	—	µg/L	—	3.33	Y	U	UJ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.6	—	3.7	—	µg/L	—	3.6	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.67	—	3.7	—	µg/L	—	3.67	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.28	—	9.81	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.33	—	9.81	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.28	—	5	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.33	—	5	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.28	—	20	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.33	—	20	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.28	—	0.137	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.33	—	0.137	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.28	—	59	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.33	—	59	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.328	—	6	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.333	—	6	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.328	—	200	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.333	—	200	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.28	—	1	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.33	—	1	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.328	—	1720	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.333	—	1720	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.28	—	70	—	µg/L	—	3.28	Y	U	UJ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.33	—	70	—	µg/L	—	3.33	Y	U	UJ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.28	—	45.3	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.33	—	45.3	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.28	—	2.37	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.33	—	2.37	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.28	—	122	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.33	—	122	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.28	—	4.59	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.33	—	4.59	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.28	—	20	—	µg/L	—	3.28	Y	UH	R	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	RE	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.33	—	20	—	µg/L	—	3.33	Y	UH	R	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.328	—	117	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.333	—	117	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.328	—	612	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.333	—	612	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.28	—	7.9	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.33	—	7.9	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.28	—	250	—	µg/L	—	3.28	Y	UH	R	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	RE	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.33	—	250	—	µg/L	—	3.33	Y	UH	R	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.745	—	70	—	ng/L	—	0.745	Y	U	U	N3B-2020-48	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.749	—	70	—	ng/L	—	0.749	Y	U	U	N3B-2020-48	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.28	—	3	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.33	—	3	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.328	—	—	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.333	—	—	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.328	—	0.343	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.333	—	0.343	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.328	—	0.343	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.333	—	0.343	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.328	—	802	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.333	—	802	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.328	—	3.43	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.333	—	3.43	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.328	—	—	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.333	—	—	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.328	—	34.3	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.333	—	34.3	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.652	—	70	—	ng/L	—	0.652	Y	U	U	N3B-2020-48	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.656	—	70	—	ng/L	—	0.656	Y	U	U	N3B-2020-48	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.614	—	70	—	ng/L	—	0.614	Y	U	U	N3B-2020-48	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.618	—	70	—	ng/L	—	0.618	Y	U	U	N3B-2020-48	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.328	—	0.2	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.333	—	0.2	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.46	—	38.7	—	µg/L	—	5.46	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.56	—	38.7	—	µg/L	—	5.56	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.28	—	1.52	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.33	—	1.52	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.328	—	0.0343	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.333	—	0.0343	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.03	—	—	—	µg/L	—	0.3	Y	—	J	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.28	—	—	—	µg/L	—	3.28	Y	U	UJ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.05	—	—	—	µg/L	—	0.3	Y	—	J	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.33	—	—	—	µg/L	—	3.33	Y	U	UJ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	RE	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00021	—	0.00167	—	µg/L	—	0.00021	N	U	R	N3B-2020-57	CAWR-20-186484	SwRI

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.28	—	0.00167	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-57	CAWR-20-186482	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.33	—	0.00167	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-57	CAWR-20-186484	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.328	—	0.12	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.333	—	0.12	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.28	—	240	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.33	—	240	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.28	—	1400	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.33	—	1400	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.28	—	0.485	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.33	—	0.485	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.28	—	3.07	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.33	—	3.07	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	RE	FD	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00022	—	0.11	—	µg/L	—	0.00022	N	U	R	N3B-2020-57	CAWR-20-186484	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.28	—	0.11	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-57	CAWR-20-186482	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.33	—	0.11	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-57	CAWR-20-186484	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.59	—	130	—	µg/L	—	4.59	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.67	—	130	—	µg/L	—	4.67	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC

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Upper La Mesita	0.0	10/07/2019	WG	UF	RE	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000563	—	0.00491	—	µg/L	—	0.00042	Y	HJ	J-	N3B-2020-57	CAWR-20-186484	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.28	—	0.00491	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-57	CAWR-20-186482	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.33	—	0.00491	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	N	UX	R	N3B-2020-57	CAWR-20-186484	SWRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	4.04	—	—	—	µg/L	—	4.04	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	4.11	—	—	—	µg/L	—	4.11	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.55	—	75000	—	µg/L	—	6.55	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.67	—	75000	—	µg/L	—	6.67	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.9	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	3.57	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.28	—	3.28	—	µg/L	—	3.28	Y	U	UJ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.33	—	3.28	—	µg/L	—	3.33	Y	U	UJ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.28	—	—	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.33	—	—	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC

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Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.28	—	50	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.33	—	50	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.82	—	781	—	µg/L	—	3.82	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.89	—	781	—	µg/L	—	3.89	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.328	—	535	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.333	—	535	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.328	—	14800	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.333	—	14800	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.328	—	885	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.333	—	885	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.328	—	170	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.333	—	170	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.328	—	160	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.333	—	160	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.328	—	288	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.333	—	288	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.28	—	1.39	—	µg/L	—	3.28	Y	U	UJ	N3B-2020-47	CAWR-20-186482	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.33	—	1.39	—	µg/L	—	3.33	Y	U	UJ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.28	—	1	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.33	—	1	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.28	—	11.9	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.33	—	11.9	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.28	—	190	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.33	—	190	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.28	—	—	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.33	—	—	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.28	—	7	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.33	—	7	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.328	—	11.4	—	µg/L	—	0.328	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.333	—	11.4	—	µg/L	—	0.333	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.328	—	1.65	—	µg/L	—	0.328	Y	U	UJ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.333	—	1.65	—	µg/L	—	0.333	Y	U	UJ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.328	—	35.1	—	µg/L	—	0.328	Y	U	UJ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.333	—	35.1	—	µg/L	—	0.333	Y	U	UJ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.448	—	733	—	µg/L	—	0.448	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.456	—	733	—	µg/L	—	0.456	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.28	—	1.25	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.33	—	1.25	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	RE	FD	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00056	—	0.0273	—	µg/L	—	0.00056	N	U	R	N3B-2020-57	CAWR-20-186484	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.28	—	0.0273	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-57	CAWR-20-186482	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.33	—	0.0273	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-57	CAWR-20-186484	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.26	—	0.00109	—	µg/L	—	4.26	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.33	—	0.00109	—	µg/L	—	4.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	UF	RE	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00038	—	0.37	—	µg/L	—	0.00038	N	U	R	N3B-2020-57	CAWR-20-186484	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.28	—	0.37	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-57	CAWR-20-186482	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.33	—	0.37	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-57	CAWR-20-186484	SwRI
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.28	—	930	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.33	—	930	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.28	—	600	—	µg/L	—	3.28	Y	U	UJ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.33	—	600	—	µg/L	—	3.33	Y	U	UJ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.28	—	91	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.33	—	91	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.28	—	1.66	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.33	—	1.66	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.28	—	1170	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.33	—	1170	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.28	—	1.4	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.33	—	1.4	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.28	—	—	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.33	—	—	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	132.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	133.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0	0.00997	—	—	pCi/L	0.0302	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00522	0.00826	—	—	pCi/L	0.0523	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	50.1	—	750	—	µg/L	—	15.0	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	48.7	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	100.0	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	98.6	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	34.3	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	34.2	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC

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Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.46	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.46	—	250	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.843	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.797	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.202	1.02	—	—	pCi/L	4.39	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.381	1.15	—	—	pCi/L	4.39	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.869	1.2	—	—	pCi/L	4.74	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.849	0.964	—	—	pCi/L	3.89	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.354	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	10.4	1.59	15	—	pCi/L	2.69	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	9.44	1.49	15	—	pCi/L	2.65	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.99	1.03	—	—	pCi/L	2.96	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	7.73	1.08	—	—	pCi/L	2.94	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.086	0.857	20000	—	pCi/L	2.916	—	Y	U	U	N3B-2020-89	CAWR-20-186482	ARSL
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.183	0.75	20000	—	pCi/L	2.559	—	Y	U	U	N3B-2020-89	CAWR-20-186484	ARSL
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	91.3	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	91.2	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.81	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.78	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.8	19.4	—	—	pCi/L	82.4	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-35.2	13.6	—	—	pCi/L	46.2	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.39	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.41	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	29.2	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	29.1	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.257	0.995	—	—	pCi/L	4.31	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.014	0.959	—	—	pCi/L	3.89	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.14	—	10	—	mg/L	—	0.085	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.19	—	10	—	mg/L	—	0.085	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.649	2.02	—	—	pCi/L	7.77	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.627	1.95	—	—	pCi/L	7.24	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.86	Y	U	U	N3B-2020-48	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.87	Y	U	U	N3B-2020-48	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0575	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-47	CAWR-20-186481	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0303	—	—	—	mg/L	—	0.02	Y	J	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00517	0.011	—	—	pCi/L	0.0452	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0161	0.0127	—	—	pCi/L	0.073	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0439	0.0134	—	—	pCi/L	0.0488	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0121	0.0184	—	—	pCi/L	0.0708	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.357	0.126	5	—	pCi/L	0.329	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.697	0.183	5	—	pCi/L	0.405	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.357	0.192	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.03	0.249	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0985	0.145	5	—	pCi/L	0.574	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.33	0.169	5	—	pCi/L	0.544	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	27.6	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	27.2	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	—	12000	—	µg/L	—	25.0	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	—	12000	—	µg/L	—	25.0	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	298.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	299.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	765.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	763.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0547	0.111	8	—	pCi/L	0.372	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.147	0.13	8	—	pCi/L	0.443	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193.0	—	1000	—	mg/L	—	3.4	Y	—	J	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174.0	—	1000	—	mg/L	—	3.4	Y	—	J	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-48	CAWR-20-186482	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-48	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.338	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	mg/L	—	0.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	9.11	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	9.09	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.11	0.105	27.2	—	pCi/L	0.0469	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.31	0.118	27.2	—	pCi/L	0.0575	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.201	0.0243	28.8	—	pCi/L	0.0347	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.175	0.0247	28.8	—	pCi/L	0.041	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.96	0.0805	30	—	pCi/L	0.0311	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.24	0.0923	30	—	pCi/L	0.0674	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.05	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.73	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	0.0	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	0.0	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC

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Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.24	—	20	—	µg/L	—	3.24	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.24	—	250	—	µg/L	—	3.24	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	16.5	—	70	—	ng/L	—	0.721	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	14.5	—	70	—	ng/L	—	0.719	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	4.77	—	70	—	ng/L	—	0.721	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	4.29	—	70	—	ng/L	—	0.719	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	4.7	—	70	—	ng/L	—	0.595	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	4.27	—	70	—	ng/L	—	0.593	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC

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Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC

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Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC

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Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.015	0.00789	—	—	pCi/L	0.0503	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0135	0.00791	—	—	pCi/L	0.034	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	4.07	—	10	—	µg/L	—	2.0	Y	J	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	4.02	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.7	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.0	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	43.5	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.196	—	—	—	mg/L	—	0.067	Y	J	J	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.183	—	—	—	mg/L	—	0.067	Y	J	J	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.1	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.9	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.2	—	250	—	mg/L	—	0.134	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.4	—	250	—	mg/L	—	0.134	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	5.65	—	13.8	—	µg/L	—	0.25	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC

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Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	5.48	—	13.8	—	µg/L	—	0.25	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.48	1.81	—	—	pCi/L	6.17	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.19	1.25	—	—	pCi/L	4.67	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.96	—	50	—	µg/L	—	3.0	Y	J	J	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0794	2.2	—	—	pCi/L	6.26	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.32	1.5	—	—	pCi/L	4.76	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.493	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.486	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.18	1.11	15	—	pCi/L	2.77	—	Y	—	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.315	0.415	15	—	pCi/L	2.16	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	5.22	0.769	—	—	pCi/L	1.99	—	Y	—	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.73	0.734	—	—	pCi/L	2.28	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	43.71	6.727	20000	—	pCi/L	3.141	—	Y	—	NQ	N3B-2020-587	CALA-20-190760	ARSL
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	56.888	8.685	20000	—	pCi/L	3.077	—	Y	—	NQ	N3B-2020-587	CALA-20-191390	ARSL
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	102.0	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	105.0	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.47	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	4.63	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC

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Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.0103	30.9	—	—	pCi/L	124.0	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-3.45	19.6	—	—	pCi/L	70.8	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.81	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.01	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.28	—	1000	—	µg/L	—	0.2	Y	—	J+	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.21	—	1000	—	µg/L	—	0.2	Y	—	J+	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	15.5	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	4.89	2.18	—	—	pCi/L	10.7	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.28	1.2	—	—	pCi/L	5.3	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.069	—	—	—	mg/L	—	0.017	Y	—	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0673	—	—	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.59	—	10	—	mg/L	—	0.17	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.49	—	10	—	mg/L	—	0.17	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.07	4.25	—	—	pCi/L	14.5	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.7	2.97	—	—	pCi/L	11.0	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	25.97	—	70	—	ng/L	—	1.8	Y	J	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	23.06	—	70	—	ng/L	—	1.8	Y	J	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.185	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.211	—	—	—	mg/L	—	0.02	Y	—	J+	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00253	0.00911	—	—	pCi/L	0.0492	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00227	0.00754	—	—	pCi/L	0.0442	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000000000842	0.00619	—	—	pCi/L	0.0394	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC

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Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0136	0.00718	—	—	pCi/L	0.0354	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.256	0.2	5	—	pCi/L	0.69	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.352	0.141	5	—	pCi/L	0.374	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.935	0.319	5	—	pCi/L	—	—	Y	—	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.352	0.278	5	—	pCi/L	—	—	Y	—	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.679	0.249	5	—	pCi/L	0.77	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.266	0.24	5	—	pCi/L	0.912	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.4	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.3	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	21.1	—	600	—	mg/L	—	0.266	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	21.1	—	600	—	mg/L	—	0.266	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	284.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	137.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	139.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0714	0.144	8	—	pCi/L	0.491	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.164	0.141	8	—	pCi/L	0.475	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0685	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0406	—	—	—	mg/L	—	0.033	Y	J	J	N3B-2020-575	CALA-20-191390	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.453	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.447	—	—	—	mg/L	—	0.33	Y	J	J	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.08	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	2.1	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.09	0.0653	27.2	—	pCi/L	0.0781	—	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.31	0.0588	27.2	—	pCi/L	0.0605	—	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0492	0.0166	28.8	—	pCi/L	0.0596	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0384	0.0136	28.8	—	pCi/L	0.0457	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.646	0.05	30	—	pCi/L	0.0807	—	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.713	0.0436	30	—	pCi/L	0.0625	—	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.82	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.93	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	0.0	12/17/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	0.0	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2020-575	CALA-20-191389	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.11	—	20	—	µg/L	—	3.11	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.11	—	250	—	µg/L	—	3.11	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	2.88	—	70	—	ng/L	—	0.706	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	1.14	—	70	—	ng/L	—	0.706	Y	J	J	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	0.993	—	70	—	ng/L	—	0.582	Y	J	J	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	131.0	—	5000	—	µg/L	—	68.0	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.2	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00424	0.00424	—	—	pCi/L	0.0425	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.14	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.6	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	258.0	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	Y	0.108	—	—	—	mg/L	—	0.067	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	37.7	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	206.0	—	250	—	mg/L	—	3.35	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	13.8	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.733	0.999	—	—	pCi/L	4.52	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.358	1.43	—	—	pCi/L	5.06	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.198	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	73.7	—	1000	—	µg/L	—	30.0	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.87	1.12	15	—	pCi/L	2.83	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.9	1.31	—	—	pCi/L	3.34	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	142.0	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	7.41	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.7	16.2	—	—	pCi/L	61.5	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.7	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.44	—	1000	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	109.0	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.254	1.42	—	—	pCi/L	5.63	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0411	—	—	—	mg/L	—	0.017	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.18	—	200	—	µg/L	—	0.6	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.69	—	10	—	mg/L	—	0.085	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.23	2.48	—	—	pCi/L	8.58	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	5.013	—	70	—	ng/L	—	1.77	Y	J	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0492	—	—	—	mg/L	—	0.02	Y	J	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0059	0.00722	—	—	pCi/L	0.0535	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00295	0.0078	—	—	pCi/L	0.0519	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.647	0.172	5	—	pCi/L	0.309	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.986	0.258	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.339	0.193	5	—	pCi/L	0.634	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	123.0	—	12000	—	µg/L	—	2.5	Y	N*	J+	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	27.4	—	600	—	mg/L	—	6.65	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	973.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	281.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.253	0.144	8	—	pCi/L	0.471	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	540.0	—	1000	—	mg/L	—	3.4	Y	—	J+	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.352	—	—	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.86	—	—	—	mg/L	—	0.33	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.344	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.258	0.0287	27.2	—	pCi/L	0.0585	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00988	0.0119	28.8	—	pCi/L	0.0416	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.0228	30	—	pCi/L	0.0685	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1.0	—	63.1	—	µg/L	—	1.0	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.95	—	10000	—	µg/L	—	3.3	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	123.0	—	5000	—	µg/L	—	68.0	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.1	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0306	0.0573	—	—	pCi/L	0.223	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.55	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.1	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	96.3	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	33.4	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	103.0	—	250	—	mg/L	—	1.34	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	6.05	—	13.8	—	µg/L	—	0.25	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.154	0.746	—	—	pCi/L	2.83	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.704	0.976	—	—	pCi/L	3.25	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.756	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	63.0	—	1000	—	µg/L	—	30.0	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.594	0.604	15	—	pCi/L	2.89	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	59.8	1.97	—	—	pCi/L	2.99	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	49.151	7.526	20000	—	pCi/L	2.924	—	Y	—	NQ	N3B-2019-2777	CAMO-19-182774	ARSL
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	94.8	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	10.6	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.7	19.1	—	—	pCi/L	29.4	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.8	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	6.83	—	200	—	µg/L	—	2.0	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	25.4	—	1000	—	µg/L	—	0.2	Y	E	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	60.7	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.456	0.914	—	—	pCi/L	3.04	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0348	—	—	—	mg/L	—	0.017	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.687	—	200	—	µg/L	—	0.6	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0418	—	10	—	mg/L	—	0.017	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0953	1.86	—	—	pCi/L	6.68	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0712	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0667	0.0667	—	—	pCi/L	0.393	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.178	0.0832	—	—	pCi/L	0.43	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	35.4	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.97	—	12000	—	µg/L	—	2.5	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	555.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	123.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	27.5	0.666	8	—	pCi/L	0.371	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	326.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC

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MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.113	—	—	—	mg/L	—	0.033	Y	—	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	4.08	—	—	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.137	—	30	—	µg/L	—	0.067	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0102	0.0704	27.2	—	pCi/L	0.373	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0569	0.0569	28.8	—	pCi/L	0.312	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0461	0.0509	30	—	pCi/L	0.297	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1.0	—	63.1	—	µg/L	—	1.0	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.89	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	UJ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1260	11096-82-5	N	0.0351	—	0.5	—	µg/L	—	0.0351	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1254	11097-69-1	N	0.0351	—	0.5	—	µg/L	—	0.0351	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1221	11104-28-2	N	0.0351	—	0.5	—	µg/L	—	0.0351	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1232	11141-16-5	N	0.0351	—	0.5	—	µg/L	—	0.0351	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1248	12672-29-6	N	0.0351	—	0.5	—	µg/L	—	0.0351	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1016	12674-11-2	N	0.0351	—	0.5	—	µg/L	—	0.0351	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1262	37324-23-5	N	0.0351	—	0.5	—	µg/L	—	0.0351	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082	Aroclor-1242	53469-21-9	N	0.0351	—	0.5	—	µg/L	—	0.0351	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	µg/L	—	3.7	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.4	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	—	µg/L	—	68.0	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0912	0.0416	—	—	pCi/L	0.11	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.85	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	63.3	—	750	—	µg/L	—	15.0	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	189.0	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.8	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	73.3	—	250	—	mg/L	—	1.34	Y	—	J-	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	7.04	—	13.8	—	µg/L	—	0.25	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.034	0.803	—	—	pCi/L	3.07	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.859	0.848	—	—	pCi/L	2.94	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.17	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.04	0.99	15	—	pCi/L	3.0	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	17.9	1.27	—	—	pCi/L	2.74	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level Tritium	Tritium	H-3	Y	211.123	31.79	20000	—	pCi/L	3.047	—	Y	—	NQ	N3B-2019-2777	CAMO-19-182827	ARSL
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.4	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	16.0	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.3	17.0	—	—	pCi/L	31.0	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.94	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	37.2	—	1000	—	µg/L	—	0.2	Y	E	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	55.7	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.978	0.776	—	—	pCi/L	3.2	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	mg/L	—	0.017	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.935	—	200	—	µg/L	—	0.6	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.893	—	10	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.52	1.54	—	—	pCi/L	5.78	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.3	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.223	—	—	—	mg/L	—	0.02	Y	—	J+	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0187	0.0606	—	—	pCi/L	0.165	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0842	0.0449	—	—	pCi/L	0.181	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	Y	2.58	—	50	—	µg/L	—	2.0	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.6	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.3	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	491.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	147.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	2.19	0.236	8	—	pCi/L	0.45	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	283.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.249	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.22	—	—	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.526	—	30	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.166	0.0485	27.2	—	pCi/L	0.202	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0719	0.0341	28.8	—	pCi/L	0.169	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.15	0.044	30	—	pCi/L	0.161	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.71	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.47	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2019-2613	CAMO-19-182826	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.085	—	9.8	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.085	—	2.37	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	Y	0.17	—	9.66	—	µg/L	—	0.085	Y	J	J	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.085	—	1.9	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	Y	1.29	—	1000	—	µg/L	—	0.085	Y	—	NQ	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.319	—	—	—	µg/L	—	0.319	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.085	—	1.9	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.085	—	39.4	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.531	—	—	—	µg/L	—	0.531	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.085	—	0.485	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.319	—	—	—	µg/L	—	0.319	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.531	—	—	—	µg/L	—	0.531	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.106	—	190	—	µg/L	—	0.106	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.319	—	—	—	µg/L	—	0.319	Y	U	UJ	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0871	—	3.14	—	µg/L	—	0.0871	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.085	—	1.4	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.085	—	1.74	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.085	—	590	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.085	—	2	—	µg/L	—	0.085	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.159	—	42.7	—	µg/L	—	0.159	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	114.0	—	5000	—	µg/L	—	68.0	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.3	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00451	0.00553	—	—	pCi/L	0.0305	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.04	—	10	—	µg/L	—	2.0	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.3	—	750	—	µg/L	—	15.0	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	114.0	—	2000	—	µg/L	—	1.0	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	—	µg/L	—	1.0	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	mg/L	—	0.067	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Cadmium	Cd	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	22.8	—	250	—	mg/L	—	0.335	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.164	—	13.8	—	µg/L	—	0.05	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	—	mg/L	—	0.00167	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	—	µg/L	—	1.0	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.06	1.03	—	—	pCi/L	3.74	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.36	1.32	—	—	pCi/L	5.14	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	—	µg/L	—	3.0	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	1.6	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	113.0	—	1000	—	µg/L	—	30.0	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.34	0.664	15	—	pCi/L	2.94	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.08	0.904	—	—	pCi/L	2.62	—	Y	—	NQ	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	67.1	—	—	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.99	—	—	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-33.0	14.3	—	—	pCi/L	47.2	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.18	—	—	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	20.1	—	200	—	µg/L	—	2.0	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	N	0.855	—	1000	—	µg/L	—	0.2	Y	J	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	—	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.666	1.15	—	—	pCi/L	4.43	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0898	—	—	—	mg/L	—	0.017	Y	—	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	200	—	µg/L	—	0.6	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	—	10	—	mg/L	—	0.017	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.77	2.42	—	—	pCi/L	8.72	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.84	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.083	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0106	0.00838	—	—	pCi/L	0.0464	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00265	0.007	—	—	pCi/L	0.05	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Antimony	Sb	N	1.0	—	6	—	µg/L	—	1.0	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.6	—	—	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.86	—	600	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	120.0	—	11800	—	µg/L	—	1.0	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.297	0.106	8	—	pCi/L	0.477	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC

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WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0971	—	—	—	mg/L	—	0.033	Y	J	J	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.21	—	—	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	N	0.067	—	30	—	µg/L	—	0.067	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.011	0.0118	27.2	—	pCi/L	0.0529	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00299	0.00518	28.8	—	pCi/L	0.0392	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.00242	0.00872	30	—	pCi/L	0.0352	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.57	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2019-3032	CAWA-19-184001	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	5.54	—	70	—	ng/L	—	0.8	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	3.65	—	70	—	ng/L	—	0.8	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.66	—	70	—	ng/L	—	0.66	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	10.9	—	14100	—	µg/L	—	1.5	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.65	—	80	—	µg/L	—	0.3	Y	J	J	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	65.0	—	0.2	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	2.47	—	25	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	0.72	—	7	—	µg/L	—	0.3	Y	J	J	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.44	—	5	—	µg/L	—	0.3	Y	J	J	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0046	—	200	0.0017*i	mg/L	—	0.00167	Y	J	J	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	9.19	—	70	—	ng/L	—	2.0	Y	J	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-225	CAPA-20-189113	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.08	—	38	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.08	—	—	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.08	—	2000	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.08	—	—	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.08	—	1.2	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.08	—	354	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.08	—	75	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.38	—	3.7	—	µg/L	—	3.38	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.08	—	9.81	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.08	—	5	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.08	—	20	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.08	—	0.137	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.08	—	59	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.308	—	6	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.308	—	200	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.08	—	1	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.308	—	1720	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.08	—	70	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.08	—	45.3	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.08	—	2.37	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.08	—	122	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.08	—	4.59	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.08	—	20	—	µg/L	—	3.08	Y	UH	UJ	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.308	—	117	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.308	—	612	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.08	—	7.9	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.08	—	250	—	µg/L	—	3.08	Y	UH	UJ	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.735	—	70	—	ng/L	—	0.735	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.08	—	3	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.308	—	—	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.308	—	0.343	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.308	—	0.343	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.308	—	802	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.308	—	3.43	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.308	—	—	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.308	—	34.3	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.643	—	70	—	ng/L	—	0.643	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.606	—	70	—	ng/L	—	0.606	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.308	—	0.2	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.13	—	38.7	—	µg/L	—	5.13	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.08	—	1.52	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.308	—	0.0343	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.08	—	—	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.08	—	0.00167	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.308	—	0.12	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.08	—	240	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.08	—	1400	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.08	—	0.485	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.08	—	3.07	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.08	—	0.11	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.31	—	130	—	µg/L	—	4.31	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.08	—	0.00491	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.79	—	—	—	µg/L	—	3.79	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.15	—	75000	—	µg/L	—	6.15	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.99	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.08	—	3.28	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.08	—	—	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.08	—	50	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.59	—	781	—	µg/L	—	3.59	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.308	—	535	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.308	—	14800	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.308	—	885	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.308	—	170	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.308	—	160	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.308	—	288	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.08	—	1.39	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.08	—	1	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.08	—	11.9	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.08	—	190	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.08	—	—	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.08	—	7	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.308	—	11.4	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.308	—	1.65	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.308	—	35.1	—	µg/L	—	0.308	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.42	—	733	—	µg/L	—	0.42	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.08	—	1.25	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.08	—	0.0273	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.0	—	0.00109	—	µg/L	—	4.0	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.08	—	0.37	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.08	—	930	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.08	—	600	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.08	—	91	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.08	—	1.66	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.08	—	1170	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.08	—	1.4	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.08	—	—	—	µg/L	—	3.08	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*i	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.65	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	16.2*i	µg/L	—	15.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	3.49	—	2000	13.5	µg/L	—	1.0	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*i	mg/L	—	0.067	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.06	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.42	—	250	3.11	mg/L	—	0.067	Y	—	J+	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.172	—	13.8	0.27	µg/L	—	0.05	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	1.6	0.234	mg/L	—	0.033	Y	—	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*i	µg/L	—	30.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	29.3	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.082	—	2	0.067*i	µg/L	—	0.067	Y	J	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.084	—	2	0.067*i	µg/L	—	0.067	Y	J	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.297	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.22	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*i	µg/L	—	2.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.0	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0392	—	—	0.0606*i	mg/L	—	0.017	Y	J	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.857	—	200	3.65	µg/L	—	0.6	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.104	—	10	0.459	mg/L	—	0.017	Y	—	J-	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*i	µg/L	—	0.5	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.84	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.178*i	mg/L	—	0.02	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*i	µg/L	—	2.0	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*i	µg/L	—	2.5	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.7	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	93.1	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.4	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	67.1	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.173*i	mg/L	—	0.033	Y	U	UJ	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*i	µg/L	—	0.6	Y	U	U	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.385	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.301	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.4	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.45	—	10000	17.4*i	µg/L	—	3.3	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	UH	UJ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	UH	UJ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.718	—	70	—	ng/L	—	0.718	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.718	—	70	—	ng/L	—	0.718	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.593	—	70	—	ng/L	—	0.593	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.000223	—	0.00167	—	µg/L	—	0.00018	Y	J	U	N3B-2020-292	CASA-20-189238	SWRI
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-292	CASA-20-189238	SwRI
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-292	CASA-20-189238	SwRI
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	µg/L	—	3.7	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.89	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-292	CASA-20-189238	SWRI
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	UJ	N3B-2020-292	CASA-20-189238	SWRI
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	N	U	R	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*r	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.9	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00352	0.00748	—	0.00829*r	pCi/L	0.0353	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.84	—	10	2.82*r	µg/L	—	2.0	Y	J	J	N3B-2020-288	CASA-20-189237	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	26.9	—	750	16.2*r	µg/L	—	15.0	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	47.5	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*r	mg/L	—	0.067	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	10.7	mg/L	—	0.05	Y	N	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.52	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.448	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.156	1.3	—	2.68*r	pCi/L	5.31	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.77	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.98	0.91	—	2.96*r	pCi/L	4.8	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.502	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*r	µg/L	—	30.0	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.47	0.878	15	3.85*r	pCi/L	2.85	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.5	0.518	—	9.18*r	pCi/L	1.57	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.934	0.922	20000	2.02*r	pCi/L	3.032	—	Y	U	U	N3B-2020-333	CASA-20-189238	ARSL
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.7	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.54	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.6	18.8	—	38.6*r	pCi/L	50.1	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.28	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*r	µg/L	—	2.0	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	18.2	mg/L	—	0.1	Y	N	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.39	1.44	—	2.02*r	pCi/L	5.81	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0812	—	—	0.0606*r	mg/L	—	0.017	Y	—	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.484	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.57	2.72	—	5.84*r	pCi/L	10.2	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*r	µg/L	—	0.5	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.8	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.178*r	mg/L	—	0.02	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00421	0.00729	—	0.00732*r	pCi/L	0.0382	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0126	0.00665	—	0.0132*r	pCi/L	0.037	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.893	0.23	5	—	pCi/L	0.559	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.973	0.325	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0799	0.23	5	—	pCi/L	0.816	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*r	µg/L	—	2.0	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.8	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*r	µg/L	—	2.5	Y	U	U	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.94	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.124	0.0727	8	0.282*r	pCi/L	0.262	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.173*r	mg/L	—	0.033	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*r	µg/L	—	0.6	Y	U	U	N3B-2020-288	CASA-20-189237	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.35	mg/L	—	0.33	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.07	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.723	0.0533	27.2	0.4770	pCi/L	0.0776	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.034	0.0148	28.8	0.0203*r	pCi/L	0.0556	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.373	0.0385	30	0.2010	pCi/L	0.0908	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.9	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.4	—	10000	17.4*r	µg/L	—	3.3	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.26	—	38	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.06	—	38	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.26	—	—	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.06	—	—	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.26	—	2000	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.06	—	2000	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.26	—	—	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.06	—	—	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.26	—	1.2	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.06	—	1.2	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.26	—	354	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.06	—	354	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.26	—	75	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.06	—	75	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.59	—	3.7	—	µg/L	—	3.59	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.36	—	3.7	—	µg/L	—	3.36	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.26	—	9.81	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.06	—	9.81	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.26	—	5	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.06	—	5	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.26	—	20	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.06	—	20	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.26	—	0.137	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.06	—	0.137	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.26	—	59	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.06	—	59	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	1.28	—	6	—	µg/L	—	0.326	N	—	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.306	—	6	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.326	—	200	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.306	—	200	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.26	—	1	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.06	—	1	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	Y	0.359	—	1720	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.306	—	1720	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.26	—	70	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.06	—	70	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.26	—	45.3	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.06	—	45.3	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.26	—	2.37	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.06	—	2.37	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.26	—	122	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.06	—	122	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.26	—	4.59	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.06	—	4.59	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.26	—	20	—	µg/L	—	3.26	Y	UH	UJ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	RE	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.06	—	20	—	µg/L	—	3.06	Y	UH	UJ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	Y	0.348	—	117	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.306	—	117	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	Y	0.37	—	612	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.306	—	612	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.26	—	7.9	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.06	—	7.9	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.26	—	250	—	µg/L	—	3.26	Y	UH	UJ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	RE	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.06	—	250	—	µg/L	—	3.06	Y	UH	UJ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.707	—	70	—	ng/L	—	0.707	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.723	—	70	—	ng/L	—	0.723	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.26	—	3	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.06	—	3	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.326	—	—	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.306	—	—	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.326	—	0.343	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.306	—	0.343	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.326	—	0.343	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.306	—	0.343	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.326	—	802	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.306	—	802	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.326	—	3.43	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.306	—	3.43	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.326	—	—	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.306	—	—	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	Y	0.359	—	34.3	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.306	—	34.3	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.707	—	70	—	ng/L	—	0.707	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.723	—	70	—	ng/L	—	0.723	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.584	—	70	—	ng/L	—	0.584	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.596	—	70	—	ng/L	—	0.596	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.326	—	0.2	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.306	—	0.2	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.44	—	38.7	—	µg/L	—	5.44	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.1	—	38.7	—	µg/L	—	5.1	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.26	—	1.52	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.06	—	1.52	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.326	—	0.0343	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.306	—	0.0343	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.26	—	—	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.06	—	—	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.26	—	0.00167	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-292	CASA-20-189270	SwRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.06	—	0.00167	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.000181	—	0.00167	—	µg/L	—	0.00018	Y	J	U	N3B-2020-292	CASA-20-189279	SWRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	Y	0.391	—	0.12	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.306	—	0.12	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.26	—	240	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.06	—	240	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.26	—	1400	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.06	—	1400	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.26	—	0.485	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.06	—	0.485	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.26	—	3.07	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.06	—	3.07	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.26	—	0.11	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-292	CASA-20-189270	SwRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.06	—	0.11	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-292	CASA-20-189279	SwRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.57	—	130	—	µg/L	—	4.57	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.28	—	130	—	µg/L	—	4.28	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.26	—	0.00491	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-292	CASA-20-189270	SwRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.06	—	0.00491	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-292	CASA-20-189279	SwRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	4.02	—	—	—	µg/L	—	4.02	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.77	—	—	—	µg/L	—	3.77	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.52	—	75000	—	µg/L	—	6.52	N	U	R	N3B-2020-288	CASA-20-189270	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.12	—	75000	—	µg/L	—	6.12	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	6.18	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.18	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.26	—	3.28	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.06	—	3.28	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.26	—	—	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.06	—	—	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.26	—	50	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.06	—	50	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.81	—	781	—	µg/L	—	3.81	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.57	—	781	—	µg/L	—	3.57	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.326	—	535	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.306	—	535	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	Y	0.424	—	14800	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.306	—	14800	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	Y	0.457	—	885	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.306	—	885	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	Y	0.391	—	170	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.306	—	170	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.326	—	160	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.306	—	160	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	Y	0.337	—	288	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.306	—	288	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.26	—	1.39	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.06	—	1.39	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.26	—	1	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.06	—	1	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.26	—	11.9	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.06	—	11.9	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.26	—	190	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.06	—	190	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.26	—	—	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.06	—	—	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.26	—	7	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.06	—	7	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.326	—	11.4	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.306	—	11.4	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.326	—	1.65	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.306	—	1.65	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.326	—	35.1	—	µg/L	—	0.326	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.306	—	35.1	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.446	—	733	—	µg/L	—	0.446	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.418	—	733	—	µg/L	—	0.418	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.26	—	1.25	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.06	—	1.25	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.26	—	0.0273	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-292	CASA-20-189270	SWRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.06	—	0.0273	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-292	CASA-20-189279	SWRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.24	—	0.00109	—	µg/L	—	4.24	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.98	—	0.00109	—	µg/L	—	3.98	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.26	—	0.37	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	UJ	N3B-2020-292	CASA-20-189270	SWRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.06	—	0.37	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	Y	0.01	—	0.37	—	µg/L	—	0.00033	Y	—	R	N3B-2020-292	CASA-20-189279	SWRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.26	—	930	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.06	—	930	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.26	—	600	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.06	—	600	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.26	—	91	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.06	—	91	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.26	—	1.66	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.06	—	1.66	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.26	—	1170	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.06	—	1170	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.26	—	1.4	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.06	—	1.4	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.26	—	—	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.06	—	—	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*r	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*r	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.2	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.6	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00685	0.00484	—	0.00829*r	pCi/L	0.0343	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00426	0.00674	—	0.00829*r	pCi/L	0.0427	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.78	—	10	2.82*r	µg/L	—	2.0	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.97	—	10	2.82*r	µg/L	—	2.0	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.3	—	750	16.2*r	µg/L	—	15.0	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	32.6	—	750	16.2*r	µg/L	—	15.0	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.3	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	40.3	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*r	mg/L	—	0.067	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*r	mg/L	—	0.067	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.5	—	—	10.7	mg/L	—	0.05	Y	N	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.4	—	—	10.7	mg/L	—	0.05	Y	N	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.26	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.36	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.493	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.465	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.89	1.58	—	2.68*r	pCi/L	7.95	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.03	2.16	—	2.68*r	pCi/L	4.91	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.14	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.22	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.89	1.83	—	2.96*r	pCi/L	6.38	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.57	1.43	—	2.96*r	pCi/L	5.36	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.495	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	30.7	—	1000	54.1*r	µg/L	—	30.0	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*r	µg/L	—	30.0	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.606	0.755	15	3.85*r	pCi/L	2.98	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.345	0.607	15	3.85*r	pCi/L	2.88	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.33	0.652	—	9.18*r	pCi/L	2.1	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.26	0.735	—	9.18*r	pCi/L	2.41	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.874	0.918	20000	2.02*r	pCi/L	3.027	—	Y	U	U	N3B-2020-333	CASA-20-189270	ARSL
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.272	0.954	20000	2.02*r	pCi/L	3.211	—	Y	U	U	N3B-2020-333	CASA-20-189279	ARSL
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	72.2	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	71.6	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.83	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.81	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-31.3	27.9	—	38.6*r	pCi/L	103.0	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-12.4	24.0	—	38.6*r	pCi/L	85.0	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.09	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.02	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*r	µg/L	—	2.0	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*r	µg/L	—	2.0	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	—	18.2	mg/L	—	0.1	Y	N	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.9	—	—	18.2	mg/L	—	0.1	Y	N	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.66	1.77	—	2.02*r	pCi/L	5.59	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.198	1.74	—	2.02*r	pCi/L	6.63	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.141	—	—	0.0606*r	mg/L	—	0.017	Y	—	J+	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0653	—	—	0.0606*r	mg/L	—	0.017	Y	—	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.523	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.505	—	10	0.459	mg/L	—	0.085	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.376	3.94	—	5.84*r	pCi/L	13.6	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.217	2.66	—	5.84*r	pCi/L	9.74	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*r	µg/L	—	0.5	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*r	µg/L	—	0.5	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.77	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.81	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.178*r	mg/L	—	0.02	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.178*r	mg/L	—	0.02	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00528	0.00914	—	0.00732*r	pCi/L	0.0478	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00449	0.00449	—	0.00732*r	pCi/L	0.0407	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00527	0.00834	—	0.0132*r	pCi/L	0.0464	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00224	0.00744	—	0.0132*r	pCi/L	0.0395	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.21	0.324	5	—	pCi/L	0.539	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.604	0.177	5	—	pCi/L	0.417	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.37	0.356	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.604	0.245	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.157	0.147	5	—	pCi/L	0.51	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.0765	0.169	5	—	pCi/L	0.656	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*r	µg/L	—	2.0	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*r	µg/L	—	2.0	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.5	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*r	µg/L	—	2.5	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*r	µg/L	—	2.5	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.7	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	108.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.179	0.125	8	0.282*r	pCi/L	0.496	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.153	0.101	8	0.282*r	pCi/L	0.334	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.173*r	mg/L	—	0.033	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.149	—	—	0.173*r	mg/L	—	0.033	Y	—	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*r	µg/L	—	0.6	Y	U	U	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*r	µg/L	—	0.6	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.35	mg/L	—	0.33	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.35	mg/L	—	0.33	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.38	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	1.28	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.929	0.0581	27.2	0.4770	pCi/L	0.072	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.831	0.0514	27.2	0.4770	pCi/L	0.0638	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0501	0.0171	28.8	0.0203*r	pCi/L	0.0516	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0192	0.00979	28.8	0.0203*r	pCi/L	0.0457	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.495	0.0428	30	0.2010	pCi/L	0.0843	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.464	0.0385	30	0.2010	pCi/L	0.0747	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.2	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	12.2	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.77	—	10000	17.4*r	µg/L	—	3.3	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.61	—	10000	17.4*r	µg/L	—	3.3	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.02	—	38	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.02	—	—	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.02	—	2000	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.02	—	—	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.02	—	1.2	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.02	—	354	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.02	—	75	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.32	—	3.7	—	µg/L	—	3.32	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.02	—	9.81	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.02	—	5	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.02	—	20	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.02	—	0.137	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.02	—	59	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.302	—	6	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.302	—	200	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.02	—	1	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.302	—	1720	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.02	—	70	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.02	—	45.3	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.02	—	2.37	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.02	—	122	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.02	—	4.59	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.02	—	20	—	µg/L	—	3.02	Y	UH	UJ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.302	—	117	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.302	—	612	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.02	—	7.9	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.02	—	250	—	µg/L	—	3.02	Y	UH	UJ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.736	—	70	—	ng/L	—	0.736	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.02	—	3	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.302	—	—	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.302	—	0.343	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.302	—	0.343	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.302	—	802	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.302	—	3.43	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.302	—	—	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.302	—	34.3	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.736	—	70	—	ng/L	—	0.736	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.607	—	70	—	ng/L	—	0.607	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.302	—	0.2	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.03	—	38.7	—	µg/L	—	5.03	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.02	—	1.52	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.302	—	0.0343	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.02	—	—	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.02	—	0.00167	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.000193	—	0.00167	—	µg/L	—	0.00018	Y	J	U	N3B-2020-293	CASA-20-189289	SWRI
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.302	—	0.12	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.02	—	240	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.02	—	1400	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.02	—	0.485	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.02	—	3.07	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.02	—	0.11	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-293	CASA-20-189289	SwRI
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.23	—	130	—	µg/L	—	4.23	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.02	—	0.00491	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.000408	—	0.00491	—	µg/L	—	0.00036	Y	J	U	N3B-2020-293	CASA-20-189289	SWRI
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.72	—	—	—	µg/L	—	3.72	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.04	—	75000	—	µg/L	—	6.04	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.02	—	3.28	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.02	—	—	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.02	—	50	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.52	—	781	—	µg/L	—	3.52	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.302	—	535	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.302	—	14800	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.302	—	885	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.302	—	170	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.302	—	160	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.302	—	288	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.02	—	1.39	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.02	—	1	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.02	—	11.9	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.02	—	190	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.02	—	—	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.02	—	7	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.302	—	11.4	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.302	—	1.65	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.302	—	35.1	—	µg/L	—	0.302	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.413	—	733	—	µg/L	—	0.413	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.02	—	1.25	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.02	—	0.0273	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-293	CASA-20-189289	SWRI
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.93	—	0.00109	—	µg/L	—	3.93	N	U	R	N3B-2020-289	CASA-20-189289	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.02	—	0.37	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	UJ	N3B-2020-293	CASA-20-189289	SWRI
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.02	—	930	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.02	—	600	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.02	—	91	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.02	—	1.66	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.02	—	1170	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.02	—	1.4	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.02	—	—	—	µg/L	—	3.02	N	U	R	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*r	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.2	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00964	0.00835	—	0.00829*r	pCi/L	0.0483	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.1	—	10	2.82*r	µg/L	—	2.0	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.7	—	750	16.2*r	µg/L	—	15.0	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	76.8	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*r	mg/L	—	0.067	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.4	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.83	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.738	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.12	1.73	—	2.68*r	pCi/L	6.55	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.44	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.368	1.29	—	2.96*r	pCi/L	4.46	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.662	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*r	µg/L	—	30.0	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.491	0.744	15	3.85*r	pCi/L	2.88	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.51	0.568	—	9.18*r	pCi/L	1.71	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.319	0.917	20000	2.02*r	pCi/L	2.954	—	Y	U	U	N3B-2020-333	CASA-20-189289	ARSL
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.8	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.1	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.2	18.4	—	38.6*r	pCi/L	59.9	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.1	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*r	µg/L	—	2.0	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.744	—	1000	2.9	µg/L	—	0.2	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.647	1.41	—	2.02*r	pCi/L	5.26	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0505	—	—	0.0606*r	mg/L	—	0.017	Y	—	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.12	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.89	2.72	—	5.84*r	pCi/L	9.69	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*r	µg/L	—	0.5	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.84	Y	U	U	N3B-2020-289	CASA-20-189289	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0202	—	—	0.178*r	mg/L	—	0.02	Y	J	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0107	0.00644	—	0.00732*r	pCi/L	0.0389	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00215	0.0048	—	0.0132*r	pCi/L	0.0378	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.35	0.334	5	—	pCi/L	0.473	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.69	0.379	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.339	0.179	5	—	pCi/L	0.58	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*r	µg/L	—	2.0	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.9	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*r	µg/L	—	2.5	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	187.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0632	0.137	8	0.282*r	pCi/L	0.479	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	199.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.268	—	—	0.173*r	mg/L	—	0.033	Y	—	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*r	µg/L	—	0.6	Y	U	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.35	mg/L	—	0.33	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.74	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.943	0.0539	27.2	0.4770	pCi/L	0.0615	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0481	0.0141	28.8	0.0203*r	pCi/L	0.0441	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.656	0.0446	30	0.2010	pCi/L	0.0719	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.78	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	31.3	—	10000	17.4*r	µg/L	—	3.3	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*r	µg/L	—	0.3	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0177	0.0121	—	0.00829*r	pCi/L	0.0368	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.78	—	10	2.82*r	µg/L	—	2.0	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.0	—	750	16.2*r	µg/L	—	15.0	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.5	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.4	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.975	1.64	—	2.68*r	pCi/L	6.21	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.26	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.622	1.83	—	2.96*r	pCi/L	6.69	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*r	µg/L	—	30.0	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.04	0.729	15	3.85*r	pCi/L	2.46	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.77	0.729	—	9.18*r	pCi/L	2.23	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.871	0.943	20000	2.02*r	pCi/L	3.112	—	Y	U*	UJ	N3B-2019-2463	CAMO-19-182831	ARSL
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.15	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27.3	19.4	—	38.6*r	pCi/L	68.0	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.88	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.93	—	200	8.39*r	µg/L	—	2.0	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.17	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.1	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.07	1.38	—	2.02*r	pCi/L	6.06	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.76	2.9	—	5.84*r	pCi/L	11.0	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*r	µg/L	—	0.5	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0278	0.0109	—	0.00732*r	pCi/L	0.0409	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0185	0.0103	—	0.0132*r	pCi/L	0.0447	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*r	µg/L	—	2.0	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.3	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.36	—	12000	13*r	µg/L	—	2.5	Y	J	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	211.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.161	0.0634	8	0.282*r	pCi/L	0.227	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0691	—	—	0.173*r	mg/L	—	0.033	Y	J	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*r	µg/L	—	0.6	Y	U	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.352	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.12	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.561	0.0535	27.2	0.4770	pCi/L	0.105	—	Y	—	J	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00299	0.00957	28.8	0.0203*r	pCi/L	0.0884	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.371	0.0434	30	0.2010	pCi/L	0.0836	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.4	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	8.31	—	10000	17.4*r	µg/L	—	3.3	Y	J	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*r	µg/L	—	0.3	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*r	µg/L	—	0.3	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00374	0.00915	—	0.00829*r	pCi/L	0.0271	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0121	0.00806	—	0.00829*r	pCi/L	0.0293	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.15	—	10	2.82*r	µg/L	—	2.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	4.88	—	10	2.82*r	µg/L	—	2.0	Y	J	J	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.7	—	750	16.2*r	µg/L	—	15.0	Y	J	J	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	24.6	—	750	16.2*r	µg/L	—	15.0	Y	J	J	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	53.7	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	52.1	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*r	mg/L	—	0.067	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*r	mg/L	—	0.067	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.372	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.773	0.944	—	2.68*r	pCi/L	3.84	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.227	0.946	—	2.68*r	pCi/L	3.6	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.735	0.925	—	2.96*r	pCi/L	3.22	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.47	1.09	—	2.96*r	pCi/L	3.15	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.481	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.48	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*r	µg/L	—	30.0	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*r	µg/L	—	30.0	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.803	0.787	15	3.85*r	pCi/L	2.87	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.33	0.969	15	3.85*r	pCi/L	2.76	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.34	0.78	—	9.18*r	pCi/L	2.3	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.96	0.796	—	9.18*r	pCi/L	2.17	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	2.019	1.015	20000	2.02*r	pCi/L	3.161	—	Y	U	U	N3B-2019-2777	CAMO-19-182845	ARSL
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	1.554	0.973	20000	2.02*r	pCi/L	3.107	—	Y	U	U	N3B-2019-2777	CAMO-19-182847	ARSL
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.5	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.3	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.72	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.67	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.22	14.0	—	38.6*r	pCi/L	48.0	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-44.8	12.9	—	38.6*r	pCi/L	46.5	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.966	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.96	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	45.2	—	200	8.39*r	µg/L	—	2.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	44.0	—	200	8.39*r	µg/L	—	2.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.49	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.52	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.6	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.402	1.03	—	2.02*r	pCi/L	3.89	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0542	0.96	—	2.02*r	pCi/L	3.46	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.0606*r	mg/L	—	0.017	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0799	—	—	0.0606*r	mg/L	—	0.017	Y	—	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.402	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.4	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.88	2.07	—	5.84*r	pCi/L	7.06	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.73	2.06	—	5.84*r	pCi/L	7.68	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*r	µg/L	—	0.5	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*r	µg/L	—	0.5	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.41	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.203	—	—	0.178*r	mg/L	—	0.02	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.195	—	—	0.178*r	mg/L	—	0.02	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00219	0.00956	—	0.00732*r	pCi/L	0.0388	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00409	0.00818	—	0.00732*r	pCi/L	0.0361	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00658	0.00904	—	0.0132*r	pCi/L	0.0424	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00204	0.00678	—	0.0132*r	pCi/L	0.0395	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*r	µg/L	—	2.0	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*r	µg/L	—	2.0	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.7	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.4	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*r	µg/L	—	2.5	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*r	µg/L	—	2.5	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.39	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.4	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	211.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	205.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0571	0.125	8	0.282*r	pCi/L	0.472	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0159	0.131	8	0.282*r	pCi/L	0.482	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.173*r	mg/L	—	0.033	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.173*r	mg/L	—	0.033	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*r	µg/L	—	0.6	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*r	µg/L	—	0.6	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.42	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.379	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.14	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.12	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.55	0.0574	27.2	0.4770	pCi/L	0.12	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.579	0.0501	27.2	0.4770	pCi/L	0.0883	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0278	0.0159	28.8	0.0203*r	pCi/L	0.102	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0255	0.0127	28.8	0.0203*r	pCi/L	0.0746	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.55	0.0564	30	0.2010	pCi/L	0.0961	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.379	0.0404	30	0.2010	pCi/L	0.0705	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.6	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	12.0	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.9	—	10000	17.4*r	µg/L	—	3.3	Y	J	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	10.7	—	10000	17.4*r	µg/L	—	3.3	Y	J	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*r	µg/L	—	0.3	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0143	0.0195	—	0.00829*r	pCi/L	0.0518	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.0	—	10	2.82*r	µg/L	—	2.0	Y	J	J	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.0	—	750	16.2*r	µg/L	—	15.0	Y	J	J	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	66.5	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.88	1.63	—	2.68*r	pCi/L	5.96	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.33	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.555	1.64	—	2.96*r	pCi/L	5.77	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*r	µg/L	—	30.0	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.22	0.959	15	3.85*r	pCi/L	2.76	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.73	0.98	—	9.18*r	pCi/L	2.76	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.238	0.974	20000	2.02*r	pCi/L	3.164	—	Y	U*	UJ	N3B-2019-2463	CAMO-19-182849	ARSL

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.2	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.46	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.8	18.6	—	38.6*r	pCi/L	64.5	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.825	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*r	µg/L	—	2.0	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.13	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.3	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.53	1.23	—	2.02*r	pCi/L	5.65	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.79	2.7	—	5.84*r	pCi/L	9.36	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*r	µg/L	—	0.5	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00555	0.00785	—	0.00732*r	pCi/L	0.0491	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0111	0.00877	—	0.0132*r	pCi/L	0.0536	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*r	µg/L	—	2.0	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.5	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.43	—	12000	13*r	µg/L	—	2.5	Y	J	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	203.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.202	0.105	8	0.282*r	pCi/L	0.374	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0862	—	—	0.173*r	mg/L	—	0.033	Y	J	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*r	µg/L	—	0.6	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	1.35	mg/L	—	0.33	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.17	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.652	0.0645	27.2	0.4770	pCi/L	0.136	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0169	0.0166	28.8	0.0203*r	pCi/L	0.114	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.367	0.0479	30	0.2010	pCi/L	0.108	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.2	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.6	—	10000	17.4*r	µg/L	—	3.3	Y	J	U	N3B-2019-2459	CAMO-19-182848	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.12	—	38	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.12	—	—	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.12	—	2000	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.12	—	—	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.12	—	1.2	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.12	—	354	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.12	—	75	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.44	—	3.7	—	µg/L	—	3.44	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.12	—	9.81	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.12	—	5	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.12	—	20	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.12	—	0.137	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.12	—	59	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.312	—	6	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.312	—	200	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.12	—	1	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.312	—	1720	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.12	—	70	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.12	—	45.3	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.12	—	2.37	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.12	—	122	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.12	—	4.59	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.12	—	20	—	µg/L	—	3.12	Y	UH	UJ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.312	—	117	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.312	—	612	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.12	—	7.9	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.12	—	250	—	µg/L	—	3.12	Y	UH	UJ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.711	—	70	—	ng/L	—	0.711	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.12	—	3	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.312	—	—	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.312	—	0.343	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.312	—	0.343	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.312	—	802	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.312	—	3.43	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.312	—	—	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.312	—	34.3	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.711	—	70	—	ng/L	—	0.711	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.586	—	70	—	ng/L	—	0.586	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.312	—	0.2	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.21	—	38.7	—	µg/L	—	5.21	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.12	—	1.52	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.312	—	0.0343	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.12	—	—	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.12	—	0.00167	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-344	CAMO-20-189292	SwRI
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.312	—	0.12	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.12	—	240	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.12	—	1400	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.12	—	0.485	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.12	—	3.07	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.12	—	0.11	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-344	CAMO-20-189292	SwRI
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.37	—	130	—	µg/L	—	4.37	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.12	—	0.00491	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-344	CAMO-20-189292	SwRI
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.85	—	—	—	µg/L	—	3.85	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	75000	—	µg/L	—	6.25	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.37	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.12	—	3.28	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.12	—	—	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.12	—	50	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.64	—	781	—	µg/L	—	3.64	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.312	—	535	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.312	—	14800	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.312	—	885	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.312	—	170	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.312	—	160	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.312	—	288	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.12	—	1.39	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.12	—	1	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.12	—	11.9	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.12	—	190	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.12	—	—	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.12	—	7	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.312	—	11.4	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.312	—	1.65	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.312	—	35.1	—	µg/L	—	0.312	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.427	—	733	—	µg/L	—	0.427	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.12	—	1.25	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.12	—	0.0273	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-344	CAMO-20-189292	SwRI
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.06	—	0.00109	—	µg/L	—	4.06	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.12	—	0.37	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/13/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-344	CAMO-20-189292	SwRI
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.12	—	930	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.12	—	600	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.12	—	91	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.12	—	1.66	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.12	—	1170	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.12	—	1.4	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.12	—	—	—	µg/L	—	3.12	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*r	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.78	—	—	—	mg/L	—	1.45	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.5	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00888	0.0047	—	0.00829*r	pCi/L	0.0356	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.31	—	10	2.82*r	µg/L	—	2.0	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.1	—	750	16.2*r	µg/L	—	15.0	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.8	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*r	mg/L	—	0.067	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.72	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.62	1.39	—	2.68*r	pCi/L	4.65	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.57	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.601	1.32	—	2.96*r	pCi/L	3.98	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.503	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*r	µg/L	—	30.0	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.274	0.775	15	3.85*r	pCi/L	2.91	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.38	0.803	—	9.18*r	pCi/L	2.37	—	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.045	0.87	20000	2.02*r	pCi/L	2.946	—	Y	U	U	N3B-2020-333	CAMO-20-189292	ARSL
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	56.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*r	µg/L	—	0.067	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.75	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.0	17.5	—	38.6*r	pCi/L	60.2	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.11	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*r	µg/L	—	2.0	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.12	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.24	1.27	—	2.02*r	pCi/L	4.9	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.029	—	—	0.0606*r	mg/L	—	0.017	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.465	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC

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R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.65	2.83	—	5.84*r	pCi/L	7.77	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*r	µg/L	—	0.5	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.78	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.51	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.113	—	—	0.178*r	mg/L	—	0.02	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0163	0.00698	—	0.00732*r	pCi/L	0.0422	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00698	0.00839	—	0.0132*r	pCi/L	0.041	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0233	0.096	5	—	pCi/L	0.376	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0433	0.159	5	—	pCi/L	—	—	Y	—	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0201	0.127	5	—	pCi/L	0.475	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*r	µg/L	—	2.0	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.0	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*r	µg/L	—	2.5	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.0	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	58.5	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.233	0.149	8	0.282*r	pCi/L	0.493	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	104.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0493	—	—	0.173*r	mg/L	—	0.033	Y	J	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*r	µg/L	—	0.6	Y	U	U	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.35	mg/L	—	0.33	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.512	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.314	0.0296	27.2	0.4770	pCi/L	0.0536	—	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.01	0.00997	28.8	0.0203*r	pCi/L	0.0384	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.177	0.023	30	0.201	pCi/L	0.0627	—	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.0	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.04	—	10000	17.4*r	µg/L	—	3.3	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-12 S1	459.0	08/29/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	Y	39.521	6.087	20000	2.02*i	pCi/L	2.824	—	Y	—	NQ	N3B-2019-3226	CASA-19-185338	ARSL
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*i	µg/L	—	0.3	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*i	µg/L	—	0.3	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.4	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00508	0.0119	—	0.00829*i	pCi/L	0.0369	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00969	0.00969	—	0.00829*i	pCi/L	0.0281	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.59	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.57	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.1	—	750	16.2*i	µg/L	—	15.0	Y	J	J	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	19.9	—	750	16.2*i	µg/L	—	15.0	Y	J	J	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	12.4	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	12.5	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*i	mg/L	—	0.067	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*i	mg/L	—	0.067	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.0	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.0	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.64	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.62	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.877	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.848	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.17	0.932	—	2.68*i	pCi/L	3.17	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.05	1.47	—	2.68*i	pCi/L	3.52	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0844	0.893	—	2.96*i	pCi/L	3.22	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.191	0.935	—	2.96*i	pCi/L	3.3	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.419	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.419	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*i	µg/L	—	30.0	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*i	µg/L	—	30.0	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.46	0.875	15	3.85*i	pCi/L	2.84	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.957	0.824	15	3.85*i	pCi/L	2.91	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.83	0.863	—	9.18*i	pCi/L	2.7	—	Y	—	NQ	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.21	0.739	—	9.18*i	pCi/L	2.19	—	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	Y	30.816	4.823	20000	2.02*i	pCi/L	3.147	—	Y	—	NQ	N3B-2019-2777	CASA-19-182765	ARSL
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	Y	23.24	3.656	20000	2.02*i	pCi/L	2.566	—	Y	—	NQ	N3B-2019-2777	CASA-19-182771	ARSL
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.6	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.9	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.18	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.19	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.25	13.6	—	38.6*i	pCi/L	49.0	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	29.5	23.0	—	38.6*i	pCi/L	40.1	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.58	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	30.5	—	200	8.39*i	µg/L	—	2.0	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	31.0	—	200	8.39*i	µg/L	—	2.0	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.91	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.72	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.91	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.0	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.674	0.825	—	2.02*i	pCi/L	3.38	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.437	0.967	—	2.02*i	pCi/L	3.44	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.0606*i	mg/L	—	0.017	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.0606*i	mg/L	—	0.017	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.48	—	10	0.459	mg/L	—	0.085	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.572	1.68	—	5.84*i	pCi/L	6.03	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.47	1.69	—	5.84*i	pCi/L	5.76	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*i	µg/L	—	0.5	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*i	µg/L	—	0.5	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.188	—	—	0.178*i	mg/L	—	0.02	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.165	—	—	0.178*i	mg/L	—	0.02	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000256	0.00816	—	0.00732*i	pCi/L	0.034	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00779	0.00551	—	0.00732*i	pCi/L	0.0344	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00769	0.00666	—	0.0132*i	pCi/L	0.0372	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00389	0.00778	—	0.0132*i	pCi/L	0.0376	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*i	µg/L	—	2.0	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*i	µg/L	—	2.0	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.8	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.2	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*i	µg/L	—	2.5	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*i	µg/L	—	2.5	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.27	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.27	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	69.5	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.3	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.103	0.122	8	0.282*i	pCi/L	0.497	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0763	0.121	8	0.282*i	pCi/L	0.475	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	169.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.173*i	mg/L	—	0.033	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.173*i	mg/L	—	0.033	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*i	µg/L	—	0.6	Y	U	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*i	µg/L	—	0.6	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.505	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.479	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.597	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.543	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.262	0.0328	27.2	0.4770	pCi/L	0.0793	—	Y	—	J	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.395	0.0413	27.2	0.4770	pCi/L	0.0883	—	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC

Table C-1 Analytical Results from the Periodic Monitoring Events Reported in this Periodic Monitoring Report

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00914	0.00825	28.8	0.0203*i	pCi/L	0.0669	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00504	0.00988	28.8	0.0203*i	pCi/L	0.0745	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.177	0.0271	30	0.2010	pCi/L	0.0633	—	Y	—	J	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.196	0.029	30	0.201	pCi/L	0.0704	—	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.26	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	2.79	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.7	—	10000	17.4*i	µg/L	—	3.3	Y	J	U	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	6.45	—	10000	17.4*i	µg/L	—	3.3	Y	J	U	N3B-2019-2656	CASA-19-182770	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	6.15	—	µg/L	—	1.5	Y	J	J	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	SU	—	0.01	Y	H	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	179	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0297	0.0357	pCi/L	0.198	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.33	—	µg/L	—	2	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	175	—	µg/L	—	1	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	µg/L	—	15	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	51.4	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.88	1.16	pCi/L	4.89	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.84	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.441	1.52	pCi/L	5.91	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.647	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	8.86	1.67	pCi/L	2.99	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	18.2	1.33	pCi/L	2.97	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	145	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	36.3	—	µg/L	—	30	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	168	—	µg/L	—	2	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.886	—	µg/L	—	0.2	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.45	2.55	pCi/L	8.75	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.727	—	µg/L	—	0.6	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0719	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.0798	—	µg/L	—	0.05	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0191	0.0382	pCi/L	0.173	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0286	0.0344	pCi/L	0.168	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.89	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.7	19	pCi/L	72.8	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.627	0.157	pCi/L	0.366	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.832	0.209	pCi/L	—	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.205	0.138	pCi/L	0.464	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.7	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.31	1.67	pCi/L	6.11	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	329	—	µS/cm	—	1	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	360	—	µg/L	—	1	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0265	0.0646	pCi/L	0.219	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.36	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.64	—	µg/L	—	2.5	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	217	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.373	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.04	—	mg/L	—	0.33	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0402	—	mg/L	—	0.02	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.826	0.83	pCi/L	2.733	—	Y	U	U	N3B-2020-89	CAWR-20-186504	ARSL
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.954	—	µg/L	—	0.067	Y	—	J+	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.991	0.151	pCi/L	0.384	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0324	0.046	pCi/L	0.276	—	Y	U	U	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.477	0.112	pCi/L	0.449	—	Y	—	NQ	N3B-2020-82	CAWR-20-186504	GELC
Lower Sandia Spring	0.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.37	—	µg/L	—	1	Y	J	J	N3B-2020-82	CAWR-20-186503	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	SU	—	0.01	Y	H	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	188	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.008	0.00693	pCi/L	0.0477	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.13	—	µg/L	—	2	Y	J	J	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	198	—	µg/L	—	1	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.2	—	µg/L	—	15	Y	J	J	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	55.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.139	1.21	pCi/L	4.26	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.22	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.824	0.917	pCi/L	3.9	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.562	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.42	0.952	pCi/L	2.6	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.11	0.816	pCi/L	2.2	—	Y	—	NQ	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	160	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	32.3	—	µg/L	—	30	Y	J	J	N3B-2019-117	CAWR-19-162039	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.18	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	32.4	—	µg/L	—	2	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.836	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.357	2.06	pCi/L	7.43	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.758	—	µg/L	—	0.6	Y	J	J	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0608	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	N	0.05	—	µg/L	—	0.05	Y	U	U	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0269	0.0137	pCi/L	0.0518	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00897	0.0116	pCi/L	0.057	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.75	—	mg/L	—	0.05	Y	E	J+	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.3	17.2	pCi/L	40.4	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.9	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	18.4	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.07	1.07	pCi/L	4.39	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	368	—	µS/cm	—	1	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	387	—	µg/L	—	1	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.132	0.0981	pCi/L	0.326	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.29	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	µg/L	—	2.5	Y	U	U	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.28	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.28	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	mg/L	—	0.02	Y	U	U	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.08	0.948	pCi/L	3.207	—	Y	U	U	N3B-2019-125	CAWR-19-162040	ARSL
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.949	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.549	0.0372	pCi/L	0.0779	—	Y	—	NQ	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0227	0.00982	pCi/L	0.0755	—	Y	U	U	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.321	0.0284	pCi/L	0.0769	—	Y	—	NQ	N3B-2019-117	CAWR-19-162040	GELC
Lower Sandia Spring	0.0	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.59	—	µg/L	—	1	Y	J	J	N3B-2019-117	CAWR-19-162039	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.95	—	µg/L	—	1.5	Y	J	U	2018-127	CAWR-18-147402	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	SU	—	0.01	Y	H	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	209	—	mg/L	—	1.45	Y	—	NQ	2018-127	CAWR-18-147290	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00397	0.00628	pCi/L	0.0348	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.24	—	µg/L	—	2	Y	J	J	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	203	—	µg/L	—	1	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.6	—	µg/L	—	15	Y	J	J	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	58.6	—	mg/L	—	0.05	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.151	1.42	pCi/L	4.72	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.89	—	mg/L	—	0.067	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.12	1.41	pCi/L	6.15	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.578	—	mg/L	—	0.033	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.23	1.16	pCi/L	2.94	—	Y	—	NQ	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	13.1	0.62	pCi/L	1.56	—	Y	—	NQ	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	170	—	mg/L	—	0.453	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	38.2	—	µg/L	—	30	Y	J	J	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.69	—	mg/L	—	0.11	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	340	—	µg/L	—	2	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.08	—	µg/L	—	0.2	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.38	2.14	pCi/L	7.53	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	3.46	—	µg/L	—	0.6	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0521	—	mg/L	—	0.017	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.104	—	µg/L	—	0.05	Y	J	J	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0033	0.00874	pCi/L	0.0572	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0264	0.0168	pCi/L	0.0742	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.76	—	mg/L	—	0.05	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.92	19.1	pCi/L	78.9	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.9	—	mg/L	—	0.053	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	19.8	—	mg/L	—	0.1	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.9	1.56	pCi/L	5.31	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	435	—	µS/cm	—	1	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	430	—	µg/L	—	1	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.14	0.122	pCi/L	0.489	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.11	—	mg/L	—	0.133	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-127	CAWR-18-147402	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	4.87	—	µg/L	—	2.5	Y	J	J	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	276	—	mg/L	—	3.4	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	1.83	—	mg/L	—	0.033	Y	—	J+	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	9.23	—	mg/L	—	0.66	Y	—	NQ	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.141	—	mg/L	—	0.02	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.523	0.898	pCi/L	2.851	—	Y	U*	U	2018-215	CAWR-18-147345	ARSL
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.77	—	µg/L	—	0.067	Y	—	NQ	2018-127	CAWR-18-147290	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.05	0.0763	pCi/L	0.0976	—	Y	—	NQ	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0451	0.0201	pCi/L	0.104	—	Y	U	U	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.748	0.0648	pCi/L	0.0945	—	Y	—	NQ	2018-127	CAWR-18-147345	GELC
Lower Sandia Spring	0.0	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.44	—	µg/L	—	1	Y	J	J	2018-127	CAWR-18-147290	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	SU	—	0.01	Y	H	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	164	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00212	0.00702	pCi/L	0.0287	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0478	—	mg/L	—	0.017	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.76	—	µg/L	—	2	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	124	—	µg/L	—	1	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.2	—	µg/L	—	15	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	44.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.618	1.41	pCi/L	5.09	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.06	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.614	1.08	pCi/L	4.99	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.655	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.928	0.788	pCi/L	2.78	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.58	0.821	pCi/L	2.63	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	123	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	369	—	µg/L	—	30	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.65	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	374	—	µg/L	—	2	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.8	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.01	2.66	pCi/L	9.28	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0102	pCi/L	0.0448	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.023	0.0147	pCi/L	0.0483	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.36	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.5	20.4	pCi/L	80.7	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.382	0.128	pCi/L	0.325	—	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.382	0.241	pCi/L	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.13	0.204	pCi/L	0.767	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	22.9	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.711	1.42	pCi/L	6.08	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	337	—	µS/cm	—	1	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	446	—	µg/L	—	1	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.05	0.0805	pCi/L	0.278	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.12	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	deg C	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-48	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	mg/L	—	3.4	Y	—	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.32	—	mg/L	—	0.33	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.161	0.811	pCi/L	2.742	—	Y	U	U	N3B-2020-89	CAWR-20-186492	ARSL
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.397	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.247	0.0264	pCi/L	0.0513	—	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00579	0.00915	pCi/L	0.0379	—	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.124	0.0203	pCi/L	0.034	—	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.29	—	µg/L	—	1	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	SU	—	0.01	Y	H	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	218	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00685	0.00942	pCi/L	0.0545	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.163	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.99	—	µg/L	—	2	Y	J	J	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	168	—	µg/L	—	1	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.5	—	µg/L	—	15	Y	J	J	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	62.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.764	1.04	pCi/L	3.59	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.68	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.05	1.5	pCi/L	4.75	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.645	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.483	0.753	pCi/L	2.93	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.44	0.859	pCi/L	2.27	—	Y	—	NQ	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	170	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	717	—	µg/L	—	30	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.46	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	482	—	µg/L	—	2	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.22	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.77	2.25	pCi/L	8.2	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.011	0.00906	pCi/L	0.0381	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0132	0.0103	pCi/L	0.0419	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.63	—	mg/L	—	0.05	Y	E	J+	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.1	22.4	pCi/L	38.5	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	54.1	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	28.5	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.98	1.41	pCi/L	3.68	—	Y	UI	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	423	—	µS/cm	—	1	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	572	—	µg/L	—	1	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0636	0.0921	pCi/L	0.311	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.9	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	267	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.38	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.673	1.008	pCi/L	3.358	—	Y	U	U	N3B-2019-125	CAWR-19-162033	ARSL
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.434	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.252	0.0249	pCi/L	0.0659	—	Y	—	NQ	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0144	0.00831	pCi/L	0.0639	—	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.167	0.0192	pCi/L	0.0651	—	Y	—	NQ	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.37	—	µg/L	—	1	Y	J	J	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.32	—	SU	—	0.01	Y	H	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	177	—	mg/L	—	1.45	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00575	0.00635	pCi/L	0.0336	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0683	—	mg/L	—	0.017	Y	—	U	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.62	—	µg/L	—	2	Y	J	J	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	120	—	µg/L	—	1	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.3	—	µg/L	—	15	Y	J	J	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	46.1	—	mg/L	—	0.05	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0671	0.989	pCi/L	3.86	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.93	—	mg/L	—	0.067	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	5.11	1.9	pCi/L	7.15	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.513	—	mg/L	—	0.033	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.32	0.995	pCi/L	2.9	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3	0.748	pCi/L	1.94	—	Y	—	NQ	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	126	—	mg/L	—	0.453	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	946	—	µg/L	—	30	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.53	—	mg/L	—	0.11	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	302	—	µg/L	—	2	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.63	—	µg/L	—	0.2	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.38	2.4	pCi/L	8.97	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00984	pCi/L	0.0492	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00568	0.0133	pCi/L	0.0638	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.3	—	mg/L	—	0.05	Y	—	NQ	2018-129	CAWR-18-147289	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12	17.7	pCi/L	74.1	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.8	—	mg/L	—	0.053	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	27.2	—	mg/L	—	0.1	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.588	1.55	pCi/L	6.27	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	370	—	µS/cm	—	1	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	512	—	µg/L	—	1	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.184	0.122	pCi/L	0.483	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.48	—	mg/L	—	0.133	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-129	CAWR-18-147698	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	224	—	mg/L	—	3.4	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.63	—	mg/L	—	0.33	Y	—	NQ	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.251	0.855	pCi/L	2.912	—	Y	U*	U	2018-214	CAWR-18-147311	ARSL
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.621	—	µg/L	—	0.067	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.558	0.0534	pCi/L	0.0905	—	Y	—	NQ	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0627	0.0224	pCi/L	0.0966	—	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.321	0.0405	pCi/L	0.0876	—	Y	—	NQ	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/03/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.36	—	µg/L	—	1	Y	J	J	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.08	—	SU	—	0.01	Y	H	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	151	—	mg/L	—	1.45	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00161	0.00483	pCi/L	0.0394	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.121	—	mg/L	—	0.017	Y	—	U	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.45	—	µg/L	—	1.7	Y	J	J	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	109	—	µg/L	—	1	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.1	—	µg/L	—	15	Y	J	J	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	37.5	—	mg/L	—	0.05	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.09	0.925	pCi/L	3.67	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.4	—	mg/L	—	0.067	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.92	1.27	pCi/L	3.87	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.441	—	mg/L	—	0.033	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.988	0.848	pCi/L	2.9	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.66	0.572	pCi/L	1.74	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	103	—	mg/L	—	0.453	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	831	—	µg/L	—	30	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.19	—	mg/L	—	0.11	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	250	—	µg/L	—	2	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.42	—	µg/L	—	0.3	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.214	1.83	pCi/L	6.41	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00932	0.00659	pCi/L	0.0463	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00466	0.00807	pCi/L	0.0535	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.37	—	mg/L	—	0.05	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.85	14.7	pCi/L	39.3	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.5	—	mg/L	—	0.053	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	23.2	—	mg/L	—	0.1	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0708	1	pCi/L	3.82	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	306	—	µS/cm	—	1	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	441	—	µg/L	—	1	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.189	0.108	pCi/L	0.461	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.84	—	mg/L	—	0.133	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	270	—	mg/L	—	3.4	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.755	—	mg/L	—	0.33	Y	J	J	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.022	0.644	pCi/L	2.199	—	Y	U	U	2017-182	CAWR-16-126322	ARSL
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.481	—	µg/L	—	0.067	Y	—	NQ	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.31	0.0419	pCi/L	0.279	—	Y	—	NQ	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0372	0.0186	pCi/L	0.146	—	Y	U	U	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.195	0.0342	pCi/L	0.187	—	Y	—	NQ	2017-176	CAWR-16-126322	GELC
Sacred Spring	—	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.31	—	µg/L	—	1	Y	J	J	2017-176	CAWR-16-126348	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	SU	—	0.01	Y	H	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	141	—	mg/L	—	0.725	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00214	0.00773	pCi/L	0.0347	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.104	—	mg/L	—	0.017	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.07	—	µg/L	—	1.7	Y	J	J	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	104	—	µg/L	—	1	Y	—	NQ	2016-57	CAWR-16-104440	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.3	—	µg/L	—	15	Y	J	J	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	35.4	—	mg/L	—	0.05	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.04	1.79	pCi/L	5.18	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.54	—	mg/L	—	0.067	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.594	1.54	pCi/L	6.3	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.56	—	mg/L	—	0.033	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.16	1.01	pCi/L	2.94	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.65	0.814	pCi/L	2.34	—	Y	—	NQ	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	97.1	—	mg/L	—	0.453	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	778	—	µg/L	—	30	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.12	—	mg/L	—	0.11	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	298	—	µg/L	—	2	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.32	—	µg/L	—	0.165	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.67	3.68	pCi/L	13.1	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00202	0.00452	pCi/L	0.0314	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00404	0.00638	pCi/L	0.0409	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.38	—	mg/L	—	0.05	Y	E	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.7	23.8	pCi/L	68.9	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	50.6	—	mg/L	—	0.053	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	20.6	—	mg/L	—	0.1	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.03	1.52	pCi/L	4.98	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	279	—	µS/cm	—	3.63	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	402	—	µg/L	—	1	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0236	0.137	pCi/L	0.487	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.48	—	mg/L	—	0.133	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	261	—	mg/L	—	3.4	Y	—	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.885	—	mg/L	—	0.33	Y	J	J	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.55	0.812	pCi/L	2.54	—	Y	U	U	2016-106	CAWR-16-104422	ARSL
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.312	—	µg/L	—	0.067	Y	E	NQ	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.239	0.0234	pCi/L	0.0899	—	Y	—	NQ	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0205	0.00811	pCi/L	0.0721	—	Y	U	U	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.158	0.0192	pCi/L	0.0657	—	Y	—	NQ	2016-57	CAWR-16-104422	GELC
Sacred Spring	—	10/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.72	—	µg/L	—	1	Y	J	J	2016-57	CAWR-16-104440	GELC
Sacred Spring	—	07/28/1994	WG	UF	INIT	REG	Legacy	Legacy	Temperature	TEMP	Y	22	—	deg C	—	—	N	*	—	28-JUL-94	9407WGGSDS	NA
Spring 1	—	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	SU	—	0.01	Y	H	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0127	0.00735	pCi/L	0.0425	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.46	—	µg/L	—	2	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.3	—	µg/L	—	1	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	38	—	µg/L	—	15	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.1	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.71	1.38	pCi/L	4.52	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.15	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.36	—	µg/L	—	3	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.742	1.12	pCi/L	4.87	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.597	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.01	0.665	pCi/L	2.22	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.11	0.893	pCi/L	2.82	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.7	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.951	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.5	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.42	2.18	pCi/L	8.65	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.4	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.286	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00623	0.00689	pCi/L	0.0377	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00208	0.00856	pCi/L	0.0366	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.07	—	mg/L	—	0.05	Y	—	J+	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.48	22.3	pCi/L	47.7	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.403	0.115	pCi/L	0.22	—	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.665	0.241	pCi/L	—	—	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.262	0.212	pCi/L	0.716	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	29.4	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.179	0.859	pCi/L	3.58	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	µS/cm	—	1	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	189	—	µg/L	—	1	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0335	0.0927	pCi/L	0.312	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.95	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2020-75	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.04	—	mg/L	—	0.02	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.088	0.885	pCi/L	3.002	—	Y	U	U	N3B-2020-89	CAWR-20-186514	ARSL
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.11	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.28	0.0769	pCi/L	0.0888	—	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0492	0.0176	pCi/L	0.0638	—	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.736	0.0588	pCi/L	0.104	—	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16.4	—	µg/L	—	1	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	SU	—	0.01	Y	H	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0254	0.0169	pCi/L	0.101	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.4	—	µg/L	—	2	Y	J	J	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.2	—	µg/L	—	15	Y	J	J	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.229	0.957	pCi/L	3.36	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.15	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.2	—	µg/L	—	3	Y	J	J	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.894	1.07	pCi/L	3.74	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.524	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.59	1.07	pCi/L	3	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.68	0.761	pCi/L	2.06	—	Y	—	NQ	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.7	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.886	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.58	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0456	1.81	pCi/L	6.61	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.406	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.324	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00714	0.0063	pCi/L	0.0413	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00238	0.00858	pCi/L	0.0454	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.12	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.52	15	pCi/L	51.4	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	30.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	29.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.01	1	pCi/L	4.05	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	216	—	µS/cm	—	1	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	194	—	µg/L	—	1	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0584	0.121	pCi/L	0.47	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.11	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0229	—	mg/L	—	0.02	Y	J	J	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	2.517	0.921	pCi/L	2.69	—	Y	U	U	N3B-2019-89	CAWR-19-162043	ARSL
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.94	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.4	0.0891	pCi/L	0.165	—	Y	—	NQ	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0548	0.0208	pCi/L	0.161	—	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.721	0.0646	pCi/L	0.163	—	Y	—	NQ	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.8	—	µg/L	—	1	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	SU	—	0.01	Y	H	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	SU	—	0.01	Y	H	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	mg/L	—	1.45	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	mg/L	—	1.45	Y	—	NQ	2018-366	CAWR-18-147723	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00899	0.0324	pCi/L	0.158	—	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0221	0.0104	pCi/L	0.0485	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.11	—	µg/L	—	2	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	5.05	—	µg/L	—	2	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	—	µg/L	—	1	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	31	—	µg/L	—	1	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	40.3	—	µg/L	—	15	Y	J	J	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	40.2	—	µg/L	—	15	Y	J	J	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	mg/L	—	0.05	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	mg/L	—	0.05	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.704	1.4	pCi/L	5.36	—	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.636	1.46	pCi/L	5.67	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.43	—	mg/L	—	0.067	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.44	—	mg/L	—	0.067	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.22	—	µg/L	—	3	Y	J	J	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	5.22	—	µg/L	—	3	Y	J	J	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.375	1.09	pCi/L	4.33	—	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.8	1.55	pCi/L	5.3	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.511	—	mg/L	—	0.033	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.532	—	mg/L	—	0.033	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.33	1.04	pCi/L	2.68	—	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.62	1.13	pCi/L	2.82	—	Y	—	NQ	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.1	0.832	pCi/L	2.29	—	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.281	0.626	pCi/L	2.21	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	mg/L	—	0.453	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.8	—	mg/L	—	0.453	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.17	—	mg/L	—	0.11	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.19	—	mg/L	—	0.11	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.67	—	µg/L	—	0.2	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.62	—	µg/L	—	0.2	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.23	2.52	pCi/L	10.2	—	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.02	2.56	pCi/L	8.83	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.365	—	mg/L	—	0.017	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.38	—	mg/L	—	0.017	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.316	—	µg/L	—	0.05	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.318	—	µg/L	—	0.05	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0153	0.0306	pCi/L	0.133	—	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00435	0.0226	pCi/L	0.0753	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00765	0.0276	pCi/L	0.172	—	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0304	0.0157	pCi/L	0.0976	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.2	—	mg/L	—	0.05	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.18	—	mg/L	—	0.05	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	39.5	23.7	pCi/L	39.3	—	Y	UI	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-16.3	20.8	pCi/L	76	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.3	—	mg/L	—	0.053	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	mg/L	—	0.053	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	31.8	—	mg/L	—	0.1	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	32.5	—	mg/L	—	0.1	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.464	1.42	pCi/L	5.43	—	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.627	1.71	pCi/L	5.53	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	248	—	µS/cm	—	1	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	µS/cm	—	1	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	203	—	µg/L	—	1	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	202	—	µg/L	—	1	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00913	0.125	pCi/L	0.473	—	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0612	0.132	pCi/L	0.492	—	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.53	—	mg/L	—	0.133	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.39	—	mg/L	—	0.133	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	6	—	deg C	—	—	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	6	—	deg C	—	—	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	6	—	deg C	—	—	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	6	—	deg C	—	—	Y	—	NQ	2018-366	CAWR-18-147404	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	6	—	deg C	—	—	Y	—	NQ	2018-366	CAWR-18-147722	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	6	—	deg C	—	—	Y	—	NQ	2018-366	CAWR-18-147725	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	mg/L	—	3.4	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	mg/L	—	3.4	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.101	—	mg/L	—	0.02	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.106	—	mg/L	—	0.02	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.179	0.764	pCi/L	2.583	—	Y	U	U	2018-405	CAWR-18-147356	ARSL
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.833	0.673	pCi/L	2.191	—	Y	U	U	2018-405	CAWR-18-147725	ARSL
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.34	—	µg/L	—	0.067	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	2.4	—	µg/L	—	0.067	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.91	0.13	pCi/L	0.184	—	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.72	0.091	pCi/L	0.0979	—	Y	—	NQ	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.204	0.0514	pCi/L	0.195	—	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.166	0.0348	pCi/L	0.104	—	Y	—	NQ	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.824	0.0872	pCi/L	0.178	—	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.814	0.0631	pCi/L	0.0947	—	Y	—	NQ	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	17.3	—	µg/L	—	1	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16.8	—	µg/L	—	1	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	SU	—	0.01	Y	H	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	SU	—	0.01	Y	H	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	mg/L	—	1.45	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	101	—	mg/L	—	1.45	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00908	0.01	pCi/L	0.074	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00198	0.00815	pCi/L	0.0483	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.23	—	µg/L	—	1.7	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	5.58	—	µg/L	—	1.7	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.5	—	µg/L	—	1	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23.4	—	µg/L	—	1	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	37.1	—	µg/L	—	15	Y	J	J	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	38.7	—	µg/L	—	15	Y	J	J	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15	—	mg/L	—	0.05	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.3	—	mg/L	—	0.05	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.57	1.28	pCi/L	5.21	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.63	1.62	pCi/L	5.66	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.92	—	mg/L	—	0.067	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	mg/L	—	0.067	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.39	—	µg/L	—	3	Y	J	J	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	5.3	—	µg/L	—	3	Y	J	J	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.36	1.28	pCi/L	5.15	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.233	1.38	pCi/L	5.4	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	mg/L	—	0.033	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.422	—	mg/L	—	0.033	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.7	0.998	pCi/L	2.88	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	4.05	1.14	pCi/L	2.86	—	Y	—	NQ	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.95	0.842	pCi/L	2.63	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.29	0.967	pCi/L	2.81	—	Y	—	NQ	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	mg/L	—	0.453	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.1	—	mg/L	—	0.453	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.935	—	mg/L	—	0.11	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.962	—	mg/L	—	0.11	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.55	—	µg/L	—	0.3	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.5	—	µg/L	—	0.3	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.81	2.49	pCi/L	9.73	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.398	2.55	pCi/L	9.27	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.385	—	mg/L	—	0.017	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.378	—	mg/L	—	0.017	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.304	—	µg/L	—	0.05	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.31	—	µg/L	—	0.05	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.011	0.00907	pCi/L	0.0438	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0159	0.00836	pCi/L	0.0526	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0088	0.00696	pCi/L	0.0506	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0159	0.00747	pCi/L	0.0607	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.14	—	mg/L	—	0.05	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.17	—	mg/L	—	0.05	Y	—	NQ	2017-92	CAWR-16-126287	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-22.5	17.8	pCi/L	70.1	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	5.7	21.5	pCi/L	62.9	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.2	—	mg/L	—	0.053	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	mg/L	—	0.053	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	30.5	—	mg/L	—	0.1	Y	E	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	31.2	—	mg/L	—	0.1	Y	E	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.357	1.17	pCi/L	5.07	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.356	1.42	pCi/L	5.3	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	212	—	µS/cm	—	1	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	µS/cm	—	1	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	199	—	µg/L	—	1	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	199	—	µg/L	—	1	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.364	0.143	pCi/L	0.445	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.000587	0.128	pCi/L	0.493	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.63	—	mg/L	—	0.133	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.66	—	mg/L	—	0.133	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	mg/L	—	3.4	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	mg/L	—	3.4	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0302	—	mg/L	—	0.02	Y	J	J	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0335	—	mg/L	—	0.02	Y	J	J	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.464	0.649	pCi/L	1.974	—	Y	U	U	2017-113	CAWR-16-126324	ARSL
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.227	0.629	pCi/L	2.164	—	Y	U	U	2017-113	CAWR-16-126284	ARSL
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.14	—	µg/L	—	0.067	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	2.02	—	µg/L	—	0.067	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.39	0.0769	pCi/L	0.235	—	Y	—	NQ	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.58	0.0948	pCi/L	0.322	—	Y	—	J-	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0399	0.0158	pCi/L	0.121	—	Y	U	U	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0479	0.0205	pCi/L	0.167	—	Y	U	U	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.702	0.0542	pCi/L	0.157	—	Y	—	NQ	2017-92	CAWR-16-126324	GELC
Spring 1	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.648	0.0629	pCi/L	0.216	—	Y	—	J-	2017-92	CAWR-16-126284	GELC
Spring 1	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.5	—	µg/L	—	1	Y	—	NQ	2017-92	CAWR-16-126350	GELC
Spring 1	—	10/11/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16	—	µg/L	—	1	Y	—	NQ	2017-92	CAWR-16-126287	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	SU	—	0.01	Y	H	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.5	—	mg/L	—	0.725	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.005	0.00613	pCi/L	0.0404	—	Y	U	U	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.05	—	µg/L	—	1.7	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.9	—	µg/L	—	1	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	36.9	—	µg/L	—	15	Y	J	J	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.1	—	mg/L	—	0.05	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.62	1.34	pCi/L	4.39	—	Y	U	U	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.18	—	mg/L	—	0.067	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.3	—	µg/L	—	2	Y	J	J	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.526	1.18	pCi/L	4.64	—	Y	U	U	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.521	—	mg/L	—	0.033	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.63	0.763	pCi/L	1.81	—	Y	—	NQ	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.71	0.71	pCi/L	1.96	—	Y	—	NQ	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	mg/L	—	0.453	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.905	—	mg/L	—	0.11	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.58	—	µg/L	—	0.165	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.31	2.42	pCi/L	8.57	—	Y	U	U	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.389	—	mg/L	—	0.017	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.327	—	µg/L	—	0.05	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00247	0.00553	pCi/L	0.0384	—	Y	U	U	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00247	0.00819	pCi/L	0.0501	—	Y	U	U	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.1	—	mg/L	—	0.05	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	56.6	16.5	pCi/L	52.7	—	Y	—	NQ	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.5	—	mg/L	—	0.053	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	30.2	—	mg/L	—	0.1	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.6	1.39	pCi/L	4.78	—	Y	U	U	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200	—	µS/cm	—	3.63	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	185	—	µg/L	—	1	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.198	0.0749	pCi/L	0.266	—	Y	U	U	2016-38	CAWR-16-104424	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/09/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.08	—	mg/L	—	0.133	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	mg/L	—	3.4	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0205	—	mg/L	—	0.017	Y	J	U	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	3.648	0.906	pCi/L	2.2	—	Y	—	NQ	2016-53	CAWR-16-104424	ARSL
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.01	—	µg/L	—	0.067	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.55	0.0562	pCi/L	0.0867	—	Y	—	NQ	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0717	0.0142	pCi/L	0.0695	—	Y	—	NQ	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.838	0.0412	pCi/L	0.0634	—	Y	—	NQ	2016-38	CAWR-16-104424	GELC
Spring 1	—	10/09/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.6	—	µg/L	—	1	Y	—	NQ	2016-38	CAWR-16-104442	GELC
Spring 1	—	08/19/1997	WG	F	INIT	REG	LEGACY	LEGACY	Temperature	TEMP	Y	18.9	—	deg C	—	—	N	—	—	19-AUG-97	9708WGG1SW	UNK
Spring 1	—	06/05/1995	WG	F	INIT	REG	LEGACY	LEGACY	Temperature	TEMP	Y	17.1	—	deg C	—	—	N	—	—	05-JUN-95	9506WGG1SW	UNK
Spring 1	—	04/04/1994	WG	UF	INIT	REG	LEGACY	LEGACY	Temperature	TEMP	Y	12.2	—	deg C	—	—	N	*	—	04-APR-94	9404WGG1SW	NA
Spring 3	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0111	pCi/L	0.0321	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.29	—	µg/L	—	2	Y	J	J	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.5	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.4	—	µg/L	—	15	Y	J	J	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.8	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.93	1.33	pCi/L	4.53	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.94	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.58	—	µg/L	—	3	Y	J	J	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.39	1.68	pCi/L	6.92	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.19	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.544	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.15	0.853	pCi/L	2.9	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.76	0.944	pCi/L	2.91	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.85	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.49	3.11	pCi/L	11.3	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.441	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	0.617	—	ng/L	—	0.574	Y	J	J	N3B-2020-19	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	1.07	—	ng/L	—	0.609	Y	J	J	N3B-2020-19	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.028	0.0131	pCi/L	0.049	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0196	0.0165	pCi/L	0.0528	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.89	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.7	22.3	pCi/L	83.9	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.358	0.132	pCi/L	0.304	—	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.522	0.248	pCi/L	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.164	0.21	pCi/L	0.732	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.1	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.6	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0632	1.36	pCi/L	5.4	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	µS/cm	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	226	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0531	0.133	pCi/L	0.478	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.14	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.389	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	1.687	—	ng/L	—	0.696	Y	J	J	N3B-2020-19	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.79	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.951	0.0458	pCi/L	0.0459	—	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0311	0.011	pCi/L	0.034	—	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.553	0.0351	pCi/L	0.0305	—	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.9	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	SU	—	0.01	Y	H	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00567	0.00896	pCi/L	0.0676	—	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.67	—	µg/L	—	2	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	46	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.475	0.949	pCi/L	3.47	—	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.95	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.25	—	µg/L	—	3	Y	J	J	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.733	0.798	pCi/L	3.34	—	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.4	—	µg/L	—	0.3	Y	—	NQ	N3B-2019-39	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.41	—	µg/L	—	3.41	Y	U	U	N3B-2019-39	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.37	—	µg/L	—	3.37	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.418	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.29	1.59	pCi/L	2.89	—	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.47	0.926	pCi/L	2.35	—	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	66.9	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.97	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.17	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.76	2.85	pCi/L	6.11	—	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.465	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0121	0.00934	pCi/L	0.0418	—	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00964	pCi/L	0.046	—	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.94	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	41.2	20.2	pCi/L	36.5	—	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.4	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.5	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.217	0.675	pCi/L	2.77	—	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	µS/cm	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	234	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.298	0.151	pCi/L	0.489	—	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.27	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.6	—	deg C	—	—	Y	—	NQ	N3B-2019-81	CAWR-19-162049	CFA
Spring 3	—	10/02/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.71	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.23	0.0823	pCi/L	0.16	—	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0596	0.0212	pCi/L	0.155	—	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.629	0.0593	pCi/L	0.158	—	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	SU	—	0.01	Y	H	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.6	—	mg/L	—	1.45	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	0.0089	pCi/L	0.0403	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.96	—	µg/L	—	2	Y	J	J	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	46	—	µg/L	—	1	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23	—	mg/L	—	0.05	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.571	0.949	pCi/L	3.38	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	mg/L	—	0.067	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.02	—	µg/L	—	3	Y	J	J	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.14	0.907	pCi/L	3.13	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	µg/L	—	0.3	Y	U	U	2018-373	CAWR-18-147408	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.33	—	µg/L	—	3.33	Y	U	U	2018-373	CAWR-18-147408	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	mg/L	—	0.033	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.11	1.03	pCi/L	2.74	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.86	0.627	pCi/L	2.11	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.5	—	mg/L	—	0.453	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.95	—	mg/L	—	0.11	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.08	—	µg/L	—	0.2	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0397	2.14	pCi/L	7.97	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.55	—	mg/L	—	0.085	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00225	0.00746	pCi/L	0.039	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00899	0.00841	pCi/L	0.0505	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.98	—	mg/L	—	0.05	Y	—	NQ	2018-458	CAWR-18-147293	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.3	26.3	pCi/L	49.1	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.8	—	mg/L	—	0.053	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.8	—	mg/L	—	0.1	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.339	1.04	pCi/L	4.04	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	µS/cm	—	1	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	239	—	µg/L	—	1	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0188	0.0911	pCi/L	0.353	—	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.5	—	mg/L	—	0.133	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	10	—	deg C	—	—	Y	—	NQ	2018-373	CAWR-18-147408	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	mg/L	—	3.4	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.75	—	mg/L	—	0.33	Y	J	J	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.66	—	µg/L	—	0.067	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.35	0.0533	pCi/L	0.0426	—	Y	—	NQ	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0846	0.0172	pCi/L	0.0453	—	Y	—	NQ	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.66	0.0369	pCi/L	0.0412	—	Y	—	NQ	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13	—	µg/L	—	1	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	SU	—	0.01	Y	H	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88	—	mg/L	—	1.45	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00819	0.00647	pCi/L	0.0501	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.65	—	µg/L	—	1.7	Y	J	J	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.6	—	µg/L	—	1	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.6	—	µg/L	—	15	Y	J	J	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.5	—	mg/L	—	0.05	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.686	1.32	pCi/L	5.13	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.66	—	mg/L	—	0.067	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.9	—	µg/L	—	3	Y	J	J	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.1	1.55	pCi/L	5.18	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	10.3	—	µg/L	—	3.09	Y	U	U	2017-99	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	U	2017-99	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.37	—	mg/L	—	0.033	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.968	0.841	pCi/L	2.93	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.93	0.974	pCi/L	2.72	—	Y	—	NQ	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	64.2	—	mg/L	—	0.453	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.93	—	mg/L	—	0.11	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.13	—	µg/L	—	0.3	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.05	2.25	pCi/L	8.72	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.35	—	mg/L	—	0.017	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.463	—	µg/L	—	0.05	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00923	0.0073	pCi/L	0.0459	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00692	0.00692	pCi/L	0.053	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.79	—	mg/L	—	0.05	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.41	22.3	pCi/L	45.1	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46	—	mg/L	—	0.053	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.6	—	mg/L	—	0.1	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1	1.46	pCi/L	5.33	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	212	—	µS/cm	—	1	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	251	—	µg/L	—	1	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.335	0.142	pCi/L	0.445	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.01	—	mg/L	—	0.133	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	mg/L	—	3.4	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.343	—	mg/L	—	0.33	Y	J	J	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.65	—	µg/L	—	0.067	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.973	0.0483	pCi/L	0.137	—	Y	—	NQ	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0233	0.0101	pCi/L	0.0709	—	Y	U	U	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.537	0.0357	pCi/L	0.0918	—	Y	—	NQ	2017-141	CAWR-16-126326	GELC
Spring 3	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.5	—	µg/L	—	1	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	SU	—	0.01	Y	H	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	SU	—	0.01	Y	H	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.3	—	mg/L	—	0.725	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	mg/L	—	0.725	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0035	0.00607	pCi/L	0.0444	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.012	pCi/L	0.0539	—	Y	U	U	2015-22	CAWR-14-86881	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.05	—	µg/L	—	1.7	Y	J	J	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	4.29	—	µg/L	—	1.7	Y	J	J	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	45	—	µg/L	—	1	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	45.1	—	µg/L	—	1	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22	—	µg/L	—	15	Y	J	J	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	22	—	µg/L	—	15	Y	J	J	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.2	—	mg/L	—	0.05	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	mg/L	—	0.05	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.212	1.36	pCi/L	5	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.49	1.4	pCi/L	5.33	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.19	—	mg/L	—	0.067	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.19	—	mg/L	—	0.067	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.59	—	µg/L	—	2	Y	J	J	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	4.72	—	µg/L	—	2	Y	J	J	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.1	1.34	pCi/L	4.79	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.21	1.28	pCi/L	5.19	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	10.4	—	µg/L	—	3.13	Y	U	U	2014-4645	CAWR-14-86883	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	10.9	—	µg/L	—	3.26	Y	U	U	2014-4645	CAWR-14-86894	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.372	—	mg/L	—	0.033	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.38	—	mg/L	—	0.033	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.326	0.724	pCi/L	2.86	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.653	0.659	pCi/L	2.9	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	UF	RE	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.91	0.948	pCi/L	2.91	—	Y	—	NQ	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	RE	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.72	0.882	pCi/L	2.82	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	66.3	2.86	pCi/L	2.68	—	N	—	R	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.07	0.882	pCi/L	2.74	—	N	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	66	—	mg/L	—	0.453	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	66.3	—	mg/L	—	0.453	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.99	—	mg/L	—	0.11	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2	—	mg/L	—	0.11	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.17	—	µg/L	—	0.165	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.2	—	µg/L	—	0.165	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.19	2.37	pCi/L	7.96	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.23	2.79	pCi/L	9.83	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	mg/L	—	0.017	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.28	—	mg/L	—	0.017	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.475	—	µg/L	—	0.05	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.459	—	µg/L	—	0.05	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00302	0.01	pCi/L	0.0448	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00214	0.00371	pCi/L	0.0319	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00603	0.00738	pCi/L	0.0396	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00606	pCi/L	0.0281	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.84	—	mg/L	—	0.05	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.85	—	mg/L	—	0.05	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.5	15.1	pCi/L	37.4	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-23.4	16.8	pCi/L	55.6	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.9	—	mg/L	—	0.053	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.9	—	mg/L	—	0.053	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.3	—	mg/L	—	0.1	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	15.4	—	mg/L	—	0.1	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.74	0.976	pCi/L	3.18	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.793	1.55	pCi/L	5.49	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	µS/cm	—	3.63	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	µS/cm	—	3.63	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	239	—	µg/L	—	1	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	241	—	µg/L	—	1	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0277	0.136	pCi/L	0.484	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.319	0.12	pCi/L	0.465	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.57	—	mg/L	—	0.133	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.58	—	mg/L	—	0.133	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	mg/L	—	3.4	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	mg/L	—	3.4	Y	—	NQ	2015-22	CAWR-14-86886	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	09/29/2014	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	mg/L	—	0.33	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.602	—	mg/L	—	0.33	Y	J	J	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.69	—	µg/L	—	0.067	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.68	—	µg/L	—	0.067	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.03	0.0616	pCi/L	0.091	—	Y	—	NQ	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.948	0.0638	pCi/L	0.104	—	Y	—	NQ	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0223	0.0118	pCi/L	0.0637	—	Y	U	U	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0358	0.0185	pCi/L	0.073	—	Y	U	U	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.586	0.0469	pCi/L	0.0485	—	Y	—	NQ	2015-22	CAWR-14-86944	GELC
Spring 3	—	09/29/2014	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.518	0.047	pCi/L	0.0556	—	Y	—	NQ	2015-22	CAWR-14-86881	GELC
Spring 3	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.1	—	µg/L	—	1	Y	—	NQ	2015-22	CAWR-14-86971	GELC
Spring 3	—	09/29/2014	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	14.1	—	µg/L	—	1	Y	—	NQ	2015-22	CAWR-14-86886	GELC
Spring 3	—	09/24/2012	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.413	—	µg/L	—	0.05	Y	—	NQ	12-1575	CAWR-12-23466	GELC
Spring 3	—	09/24/2012	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.403	—	µg/L	—	0.05	Y	—	NQ	12-1575	CAWR-12-23407	GELC
Spring 3	—	09/27/1994	WG	UF	INIT	REG	Legacy	Legacy	Temperature	TEMP	Y	19.6	—	deg C	—	—	N	—	—	27-SEP-94	9409WGG3SW	NA
Spring 3	—	04/04/1994	WG	UF	INIT	REG	Legacy	Legacy	Temperature	TEMP	Y	17	—	deg C	—	—	N	*	—	04-APR-94	9404WGG3SW	NA
Spring 3A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.9	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00252	0.0116	pCi/L	0.0342	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.24	—	µg/L	—	2	Y	J	J	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.3	—	µg/L	—	15	Y	J	J	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.6	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0966	1.19	pCi/L	4.7	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.77	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.15	—	µg/L	—	3	Y	J	J	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.174	1.73	pCi/L	6.71	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.524	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.22	0.97	pCi/L	2.89	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.28	0.872	pCi/L	2.89	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	58.7	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.77	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.31	3.01	pCi/L	10.9	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines: HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000478	—	µg/L	—	0.00047	Y	J	J	N3B-2020-12	CAWR-20-188069	SwRI
Spring 3A	—	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.443	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0107	0.0107	pCi/L	0.0469	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00268	0.00804	pCi/L	0.0507	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.82	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.3	22.4	pCi/L	84.1	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.304	0.189	pCi/L	0.625	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.304	0.255	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0164	0.171	pCi/L	0.635	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.1	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.3	1.49	pCi/L	4.96	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	µS/cm	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	220	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.139	0.146	pCi/L	0.496	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.15	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-20	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.334	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.512	0.848	pCi/L	2.834	—	Y	U	U	N3B-2020-89	CAWR-20-188069	ARSL
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.4	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.785	0.0487	pCi/L	0.062	—	Y	—	NQ	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.014	0.0111	pCi/L	0.0459	—	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.411	0.0346	pCi/L	0.0412	—	Y	—	NQ	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.7	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	SU	—	0.01	Y	H	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00863	0.00807	pCi/L	0.0515	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.91	—	µg/L	—	2	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.1	—	µg/L	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.631	0.855	pCi/L	2.86	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.76	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.32	—	µg/L	—	3	Y	J	J	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.26	0.869	pCi/L	2.83	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.407	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.895	0.808	pCi/L	2.86	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.84	0.822	pCi/L	2.32	—	Y	—	NQ	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.8	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.19	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.826	1.68	pCi/L	6.1	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.19	—	µg/L	—	3.19	Y	U	U	N3B-2019-39	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.44	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0254	0.0108	pCi/L	0.044	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00762	0.0105	pCi/L	0.0484	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.83	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.32	12.8	pCi/L	46.9	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.8	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.344	0.854	pCi/L	3.07	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	µS/cm	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	225	—	µg/L	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0961	0.132	pCi/L	0.468	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.25	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	2.529	0.99	pCi/L	2.942	—	Y	U	U	N3B-2019-89	CAWR-19-162061	ARSL
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.41	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.797	0.0597	pCi/L	0.127	—	Y	—	NQ	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0842	0.0228	pCi/L	0.124	—	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.552	0.0489	pCi/L	0.125	—	Y	—	NQ	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.7	—	µg/L	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	SU	—	0.01	Y	HQ	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.6	—	mg/L	—	1.45	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00532	pCi/L	0.0381	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.13	—	µg/L	—	2	Y	J	J	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.3	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.8	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.4	1.52	pCi/L	6.57	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.64	—	mg/L	—	0.067	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.57	—	µg/L	—	3	Y	J	J	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00644	1.65	pCi/L	7.1	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	mg/L	—	0.033	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.829	0.831	pCi/L	2.98	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.51	0.868	pCi/L	2.36	—	Y	—	NQ	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.9	—	mg/L	—	0.453	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.81	—	mg/L	—	0.11	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.07	—	µg/L	—	0.2	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.45	3.16	pCi/L	11.5	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.24	—	mg/L	—	0.085	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.3	—	µg/L	—	3.3	Y	U	U	2018-373	CAWR-18-147409	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00232	0.00519	pCi/L	0.0402	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0301	0.0106	pCi/L	0.0521	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.93	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-50	21.4	pCi/L	79.1	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.7	—	mg/L	—	0.053	Y	—	NQ	2018-460	CAWR-18-147294	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.4	—	mg/L	—	0.1	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.166	2.11	pCi/L	8.68	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	µS/cm	—	1	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	233	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.281	0.0982	pCi/L	0.397	—	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.11	—	mg/L	—	0.133	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	10	—	deg C	—	—	Y	—	NQ	2018-373	CAWR-18-147409	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	mg/L	—	3.4	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.553	—	mg/L	—	0.33	Y	JQ	J	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.397	0.72	pCi/L	2.464	—	Y	U	U	2018-475	CAWR-18-147316	ARSL
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.24	—	µg/L	—	0.067	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.767	0.0424	pCi/L	0.0483	—	Y	—	NQ	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0536	0.0141	pCi/L	0.0514	—	Y	—	J	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.464	0.0332	pCi/L	0.0467	—	Y	—	NQ	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.1	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	SU	—	0.01	Y	H	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85	—	mg/L	—	1.45	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0045	0.00901	pCi/L	0.0551	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.98	—	µg/L	—	1.7	Y	J	J	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.2	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.5	—	µg/L	—	15	Y	J	J	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.5	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.282	1.42	pCi/L	5.05	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.53	—	mg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.98	—	µg/L	—	3	Y	J	J	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.64	1.15	pCi/L	5.15	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.362	—	mg/L	—	0.033	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.576	0.809	pCi/L	2.95	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.19	0.969	pCi/L	2.84	—	Y	—	NQ	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	mg/L	—	0.453	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.84	—	mg/L	—	0.11	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.18	—	µg/L	—	0.3	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.228	2.69	pCi/L	8.84	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	mg/L	—	0.017	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	10.6	—	µg/L	—	3.19	Y	U	U	2017-99	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.448	—	µg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00936	0.00811	pCi/L	0.0465	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00936	0.0081	pCi/L	0.0538	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.84	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	37.2	20.3	pCi/L	41	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.8	—	mg/L	—	0.053	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	mg/L	—	0.1	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.17	1.12	pCi/L	3.91	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	µS/cm	—	1	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	250	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0328	0.136	pCi/L	0.476	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.04	—	mg/L	—	0.133	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	mg/L	—	3.4	Y	—	J	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	mg/L	—	0.33	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.591	0.543	pCi/L	1.783	—	Y	U	U	2017-166	CAWR-16-126327	ARSL
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.48	—	µg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.8	0.0626	pCi/L	0.261	—	Y	—	J-	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0111	0.0157	pCi/L	0.135	—	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.44	0.0467	pCi/L	0.175	—	Y	—	J-	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.4	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	SU	—	0.01	Y	H	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.3	—	mg/L	—	0.725	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00235	0.00622	pCi/L	0.038	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.41	—	µg/L	—	1.7	Y	J	J	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.8	—	µg/L	—	1	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23	—	µg/L	—	15	Y	J	J	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.2	—	mg/L	—	0.05	Y	—	NQ	2016-39	CAWR-16-104444	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.213	1.72	pCi/L	6.17	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.8	—	mg/L	—	0.067	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.74	—	µg/L	—	2	Y	J	J	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.85	1.38	pCi/L	6.09	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.413	—	mg/L	—	0.033	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	11.3	0.936	pCi/L	1.62	—	Y	—	NQ	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.18	0.524	pCi/L	1.64	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	60.3	—	mg/L	—	0.453	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.81	—	mg/L	—	0.11	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.18	—	µg/L	—	0.165	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.93	3.51	pCi/L	11.9	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.06	—	mg/L	—	0.085	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	5	—	µg/L	—	1.5	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.1	—	µg/L	—	0.03	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.473	—	µg/L	—	0.05	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00202	0.00536	pCi/L	0.0315	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00607	0.0097	pCi/L	0.041	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.92	—	mg/L	—	0.05	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.47	21.8	pCi/L	8.64	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.6	—	mg/L	—	0.053	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	mg/L	—	0.1	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.189	1.68	pCi/L	6.38	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	µS/cm	—	3.63	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	222	—	µg/L	—	1	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.154	0.106	pCi/L	0.404	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.18	—	mg/L	—	0.133	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	mg/L	—	3.4	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	mg/L	—	0.33	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.38	—	µg/L	—	0.067	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.863	0.045	pCi/L	0.101	—	Y	—	NQ	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0519	0.0129	pCi/L	0.0811	—	Y	U	U	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.497	0.0348	pCi/L	0.0739	—	Y	—	NQ	2016-39	CAWR-16-104426	GELC
Spring 3A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.8	—	µg/L	—	1	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	09/29/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.462	—	µg/L	—	0.05	Y	—	NQ	2015-17	CAWR-14-86972	GELC
Spring 3A	—	12/02/2013	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.827	0.822	pCi/L	2.523	—	Y	U	U	2014-2605	CAWR-13-42151	ARSL
Spring 3A	—	12/02/2013	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	2.863	1.208	pCi/L	3.663	—	Y	U	U	2014-2605	CAWR-13-42127	ARSL
Spring 3A	—	09/27/1994	WG	UF	INIT	REG	Legacy	Legacy	Temperature	TEMP	Y	19.1	—	deg C	—	—	N	—	—	27-SEP-94	9409WGGA3S	NA
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.5	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00684	0.00822	pCi/L	0.0309	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.92	—	µg/L	—	2	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	8.94	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24	—	µg/L	—	15	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.4	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.171	0.988	pCi/L	3.74	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.2	—	µg/L	—	3	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.424	1.16	pCi/L	4.95	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.18	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.501	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.72	0.906	pCi/L	2.79	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.05	0.897	pCi/L	2.9	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.6	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.28	—	mg/L	—	0.11	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.65	1.93	pCi/L	7.18	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.448	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.426	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00258	0.0139	pCi/L	0.0451	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0155	0.0126	pCi/L	0.0487	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.82	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.7	18.9	pCi/L	72.3	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.613	0.204	pCi/L	0.49	—	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.781	0.273	pCi/L	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.168	0.18	pCi/L	0.631	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.2	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.117	1.08	pCi/L	4.53	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	µS/cm	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	153	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.161	0.0702	pCi/L	0.25	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.38	—	µg/L	—	0.3	Y	J	J	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.446	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.472	0.883	pCi/L	2.958	—	Y	U	U	N3B-2020-90	CAWR-20-188070	ARSL
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.3	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.918	0.0535	pCi/L	0.0652	—	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0221	0.0138	pCi/L	0.0483	—	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.56	0.0423	pCi/L	0.0433	—	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.7	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	SU	—	0.01	Y	H	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0145	0.017	pCi/L	0.0495	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	6.31	—	µg/L	—	2	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	9.02	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.1	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.412	1.03	pCi/L	3.78	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.96	—	µg/L	—	3	Y	J	J	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.84	1.11	pCi/L	4.85	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	2.16	—	µg/L	—	0.3	Y	—	NQ	N3B-2019-39	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.19	—	µg/L	—	3.19	Y	U	U	N3B-2019-39	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.376	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.65	0.902	pCi/L	2.8	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.09	0.901	pCi/L	2.49	—	Y	—	NQ	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.4	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.29	—	mg/L	—	0.11	Y	J	J	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.23	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.01	2.24	pCi/L	8.17	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.479	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.427	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00539	0.00661	pCi/L	0.0467	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00539	0.0066	pCi/L	0.0514	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.84	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.1	24.1	pCi/L	40.2	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.3	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.5	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.115	1.14	pCi/L	4.26	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	µS/cm	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	153	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0697	0.127	pCi/L	0.448	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.67	—	µg/L	—	0.3	Y	J	J	N3B-2019-39	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	5.435	1.292	pCi/L	3.06	—	Y	—	NQ	N3B-2019-89	CAWR-19-162067	ARSL
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.38	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.807	0.0471	pCi/L	0.0845	—	Y	—	NQ	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0307	0.0115	pCi/L	0.0819	—	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.477	0.0365	pCi/L	0.0834	—	Y	—	NQ	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	SU	—	0.01	Y	H	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.4	—	mg/L	—	1.45	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00694	0.011	pCi/L	0.0608	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.03	—	µg/L	—	2	Y	J	J	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	8.67	—	µg/L	—	1	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-458	CAWR-18-147295	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.9	—	mg/L	—	0.05	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.672	1.33	pCi/L	4.72	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.47	—	mg/L	—	0.067	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.15	—	µg/L	—	3	Y	J	J	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.44	1.02	pCi/L	5.08	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	µg/L	—	0.3	Y	U	U	2018-373	CAWR-18-147410	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.33	—	µg/L	—	3.33	Y	U	U	2018-373	CAWR-18-147410	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.326	—	mg/L	—	0.033	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.03	0.854	pCi/L	3	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.47	0.758	pCi/L	2.42	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	43.3	—	mg/L	—	0.453	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.257	—	mg/L	—	0.11	Y	J	J	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.06	—	µg/L	—	0.2	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.21	2.29	pCi/L	8.87	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.432	—	mg/L	—	0.017	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00593	0.0103	pCi/L	0.0513	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00296	0.00982	pCi/L	0.0666	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.64	—	mg/L	—	0.05	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.2	16.4	pCi/L	70.9	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	37.9	—	mg/L	—	0.053	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.2	—	mg/L	—	0.1	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.386	0.927	pCi/L	4.23	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	µS/cm	—	1	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	149	—	µg/L	—	1	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.257	0.138	pCi/L	0.448	—	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.64	—	mg/L	—	0.133	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	10	—	deg C	—	—	Y	—	NQ	2018-373	CAWR-18-147410	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	µg/L	—	0.3	Y	U	U	2018-373	CAWR-18-147410	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	mg/L	—	3.4	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.377	—	mg/L	—	0.33	Y	J	J	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-1.749	0.764	pCi/L	2.559	—	Y	U	U	2018-475	CAWR-18-147317	ARSL
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.27	—	µg/L	—	0.067	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.887	0.0448	pCi/L	0.0464	—	Y	—	NQ	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0947	0.0169	pCi/L	0.0493	—	Y	—	NQ	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.574	0.0362	pCi/L	0.0448	—	Y	—	NQ	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.7	—	µg/L	—	1	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	SU	—	0.01	Y	H	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81	—	mg/L	—	1.45	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.005	0.00441	pCi/L	0.0408	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.6	—	µg/L	—	1.7	Y	J	J	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	10.9	—	µg/L	—	1	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22	—	µg/L	—	15	Y	J	J	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	mg/L	—	0.05	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.885	1.41	pCi/L	5.52	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.46	—	mg/L	—	0.067	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.51	—	µg/L	—	3	Y	J	J	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.38	1.27	pCi/L	5.82	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	10.5	—	µg/L	—	3.16	Y	U	U	2017-99	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	U	2017-99	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.37	—	mg/L	—	0.033	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.668	0.806	pCi/L	2.91	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.67	0.855	pCi/L	2.18	—	Y	—	NQ	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	mg/L	—	0.453	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.286	—	mg/L	—	0.11	Y	J	J	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	µg/L	—	0.3	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.87	2.42	pCi/L	8.34	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.442	—	mg/L	—	0.017	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.408	—	µg/L	—	0.05	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0137	0.0155	pCi/L	0.0453	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00683	0.00821	pCi/L	0.0523	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.77	—	mg/L	—	0.05	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.62	34.7	pCi/L	67.7	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.7	—	mg/L	—	0.053	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17	—	mg/L	—	0.1	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.5	0.969	pCi/L	3.27	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	µS/cm	—	1	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	165	—	µg/L	—	1	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0505	0.123	pCi/L	0.465	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.53	—	mg/L	—	0.133	Y	—	NQ	2017-141	CAWR-16-126354	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	µg/L	—	0.3	Y	U	U	2017-99	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	mg/L	—	3.4	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.355	—	mg/L	—	0.33	Y	J	J	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.635	0.692	pCi/L	2.084	—	Y	U	U	2017-166	CAWR-16-126328	ARSL
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.42	—	µg/L	—	0.067	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.14	0.0546	pCi/L	0.149	—	Y	—	NQ	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0443	0.0134	pCi/L	0.0771	—	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.745	0.044	pCi/L	0.0999	—	Y	—	NQ	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	µg/L	—	1	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	SU	—	0.01	Y	H	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	mg/L	—	0.725	Y	H	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00723	0.00723	pCi/L	0.0458	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.33	—	µg/L	—	1.7	Y	J	J	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	9.38	—	µg/L	—	1	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.7	—	µg/L	—	15	Y	J	J	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	mg/L	—	0.05	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.702	1.11	pCi/L	3.81	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	mg/L	—	0.067	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.98	—	µg/L	—	2	Y	J	J	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.07	1.34	pCi/L	3.99	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	11.5	—	µg/L	—	3.45	Y	U	U	2014-4645	CAWR-14-86896	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	UH	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.365	—	mg/L	—	0.033	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.41	0.652	pCi/L	2.38	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.123	0.845	pCi/L	2.9	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	mg/L	—	0.453	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.289	—	mg/L	—	0.11	Y	J	J	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.11	—	µg/L	—	0.165	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.499	2.24	pCi/L	7.54	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.45	—	mg/L	—	0.017	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.43	—	µg/L	—	0.05	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0023	0.00609	pCi/L	0.0342	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0115	0.0069	pCi/L	0.0302	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.77	—	mg/L	—	0.05	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.46	15.3	pCi/L	54.4	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41	—	mg/L	—	0.053	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.4	—	mg/L	—	0.1	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.457	1.17	pCi/L	4.14	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	µS/cm	—	3.63	Y	H	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	158	—	µg/L	—	1	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.28	0.122	pCi/L	0.478	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.42	—	mg/L	—	0.133	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	µg/L	—	0.3	Y	UH	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	mg/L	—	3.4	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	mg/L	—	0.33	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.27	—	µg/L	—	0.067	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.805	0.053	pCi/L	0.083	—	Y	—	NQ	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0163	0.0141	pCi/L	0.0581	—	Y	U	U	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.415	0.0379	pCi/L	0.0442	—	Y	—	NQ	2015-20	CAWR-14-86946	GELC
Spring 3AA	—	09/29/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.5	—	µg/L	—	1	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	09/24/2012	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.407	—	µg/L	—	0.05	Y	—	NQ	12-1572	CAWR-12-23468	GELC
Spring 3AA	—	09/24/2007	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	0	0.2898	pCi/L	0.2898	—	Y	—	U	2409	UU070900GAA301	UMTL
Spring 4	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.3	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00984	pCi/L	0.0421	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.48	—	µg/L	—	2	Y	J	J	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.5	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.6	—	µg/L	—	15	Y	J	J	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	Y	2.82	—	µg/L	—	1.5	Y	J	J	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	1.05	pCi/L	3.52	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.19	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.26	—	µg/L	—	3	Y	J	J	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.62	1.16	pCi/L	4.43	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.57	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.597	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.247	0.667	pCi/L	2.79	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.56	0.646	pCi/L	1.8	—	Y	—	NQ	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	69.8	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.23	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.2	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.05	2.27	pCi/L	7.66	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.636	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.014	0.0132	pCi/L	0.0407	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00465	0.0109	pCi/L	0.044	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.61	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.7	17.2	pCi/L	63.8	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.264	0.113	pCi/L	0.288	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.264	0.21	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.245	0.177	pCi/L	0.693	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.8	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.232	1.09	pCi/L	4.36	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	µS/cm	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	123	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.235	0.13	pCi/L	0.498	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-20	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.9	—	deg C	—	—	Y	—	NQ	N3B-2020-30	CAWR-20-188071	CFA
Spring 4	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.491	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.857	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.555	0.0399	pCi/L	0.0549	—	Y	—	NQ	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00619	0.0107	pCi/L	0.0406	—	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.246	0.027	pCi/L	0.0364	—	Y	—	NQ	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.24	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	SU	—	0.01	Y	H	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0046	0.00564	pCi/L	0.0549	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.77	—	µg/L	—	2	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.011	0.762	pCi/L	2.75	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.13	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.5	—	µg/L	—	3	Y	J	J	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.749	0.756	pCi/L	2.95	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	0.91	—	µg/L	—	0.3	Y	J	J	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.26	—	µg/L	—	3.26	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.468	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.223	0.663	pCi/L	2.96	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.12	0.678	pCi/L	1.9	—	Y	—	NQ	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	73.8	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.29	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.05	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.381	1.49	pCi/L	5.45	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.634	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.02	0.0122	pCi/L	0.0433	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0299	0.0141	pCi/L	0.0476	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.66	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	32.8	15.2	pCi/L	26.8	—	Y	—	NQ	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.1	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.103	0.626	pCi/L	2.28	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	µS/cm	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	128	—	µg/L	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0254	0.135	pCi/L	0.483	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.6	—	deg C	—	—	Y	—	NQ	N3B-2019-81	CAWR-19-162849	CFA
Spring 4	—	10/02/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.868	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.722	0.0587	pCi/L	0.134	—	Y	—	NQ	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0722	0.0221	pCi/L	0.13	—	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.371	0.0424	pCi/L	0.132	—	Y	—	NQ	N3B-2019-69	CAWR-19-162849	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.87	—	µg/L	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	SU	—	0.01	Y	HQ	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.8	—	mg/L	—	1.45	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00926	0.00614	pCi/L	0.0325	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.63	—	µg/L	—	2	Y	J	J	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.6	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	µg/L	—	1.5	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.5	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.24	1.34	pCi/L	5.2	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.12	—	mg/L	—	0.067	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	µg/L	—	3	Y	U	U	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.857	1	pCi/L	4.6	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	µg/L	—	0.3	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.3	—	µg/L	—	3.3	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.392	—	mg/L	—	0.033	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.367	0.702	pCi/L	2.74	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.512	0.612	pCi/L	2.16	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	70.6	—	mg/L	—	0.453	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.11	—	mg/L	—	0.11	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	µg/L	—	0.2	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.853	2.31	pCi/L	8.66	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.33	—	mg/L	—	0.085	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00207	0.00746	pCi/L	0.0359	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0062	0.00853	pCi/L	0.0465	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.62	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.8	16.1	pCi/L	59.9	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.5	—	mg/L	—	0.053	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	mg/L	—	0.1	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.674	1.05	pCi/L	3.93	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	µS/cm	—	1	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	127	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0462	0.0779	pCi/L	0.32	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	mg/L	—	0.133	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.1	—	deg C	—	—	Y	—	NQ	2018-376	CAWR-18-147401	CFA
Spring 4	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	10	—	deg C	—	—	Y	—	NQ	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	mg/L	—	3.4	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.482	—	mg/L	—	0.33	Y	JQ	J	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.768	—	µg/L	—	0.067	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.633	0.0391	pCi/L	0.0492	—	Y	—	NQ	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0374	0.0119	pCi/L	0.0524	—	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.323	0.0284	pCi/L	0.0476	—	Y	—	NQ	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/10/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.66	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	SU	—	0.01	Y	H	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	mg/L	—	1.45	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.013	0.00557	pCi/L	0.0454	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.38	—	µg/L	—	1.7	Y	J	J	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.7	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.8	—	µg/L	—	15	Y	J	J	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	µg/L	—	1.5	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.7	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.697	1.07	pCi/L	4.14	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.98	—	mg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	10	—	µg/L	—	3	Y	U	U	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.409	1.17	pCi/L	4.36	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	10.6	—	µg/L	—	3.19	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.421	—	mg/L	—	0.033	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.954	0.832	pCi/L	2.91	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.68	0.898	pCi/L	2.42	—	Y	—	NQ	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	71.9	—	mg/L	—	0.453	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.28	—	mg/L	—	0.11	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.08	—	µg/L	—	0.3	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0316	1.89	pCi/L	7.05	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	mg/L	—	0.017	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.628	—	µg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0023	0.00689	pCi/L	0.0457	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00459	0.00795	pCi/L	0.0528	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.57	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126355	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.94	17.1	pCi/L	36.9	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.7	—	mg/L	—	0.053	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.9	—	mg/L	—	0.1	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.63	1.07	pCi/L	3.99	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	µS/cm	—	1	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	138	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.273	0.129	pCi/L	0.409	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	mg/L	—	0.133	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	mg/L	—	3.4	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.425	—	mg/L	—	0.33	Y	J	J	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.905	—	µg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.624	0.0544	pCi/L	0.254	—	Y	—	NQ	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0378	0.0162	pCi/L	0.131	—	Y	U	U	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.354	0.0416	pCi/L	0.17	—	Y	—	NQ	2017-142	CAWR-16-126329	GELC
Spring 4	—	10/11/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.75	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	SU	—	0.01	Y	H	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.8	—	mg/L	—	0.725	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00997	0.00869	pCi/L	0.0322	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.06	—	µg/L	—	1.7	Y	J	J	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.9	—	µg/L	—	1	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20	—	µg/L	—	15	Y	J	J	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	5	—	µg/L	—	2	Y	UH	UJ	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.1	—	mg/L	—	0.05	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.859	1.48	pCi/L	5.76	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.3	—	mg/L	—	0.067	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	6.19	—	µg/L	—	2	Y	J	U	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.85	1.73	pCi/L	6.5	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	5.38	—	µg/L	—	1.61	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	UH	UJ	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.45	—	mg/L	—	0.033	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.134	0.496	pCi/L	1.82	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.478	0.541	pCi/L	2	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	73.4	—	mg/L	—	0.453	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.4	—	mg/L	—	0.11	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.23	—	µg/L	—	0.165	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.262	3.36	pCi/L	12	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	mg/L	—	0.085	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.675	—	µg/L	—	0.05	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00466	0.00807	pCi/L	0.0362	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00932	0.00807	pCi/L	0.0472	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.6	—	mg/L	—	0.05	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.7	22.7	pCi/L	87.8	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.8	—	mg/L	—	0.053	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14	—	mg/L	—	0.1	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.77	1.92	pCi/L	7.89	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	µS/cm	—	3.63	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	134	—	µg/L	—	1	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.246	0.11	pCi/L	0.476	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	mg/L	—	0.133	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	239	—	mg/L	—	3.4	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.364	—	mg/L	—	0.33	Y	J	J	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.865	—	µg/L	—	0.067	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.572	0.0361	pCi/L	0.0979	—	Y	—	NQ	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0168	0.00968	pCi/L	0.0786	—	Y	U	U	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.28	0.0256	pCi/L	0.0716	—	Y	—	NQ	2016-49	CAWR-16-104427	GELC
Spring 4	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.65	—	µg/L	—	1	Y	—	NQ	2016-49	CAWR-16-104445	GELC
Spring 4	—	09/29/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.657	—	µg/L	—	0.05	Y	—	NQ	2015-17	CAWR-14-86974	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00239	0.00716	pCi/L	0.0323	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.67	—	µg/L	—	2	Y	J	J	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.5	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.3	—	µg/L	—	15	Y	J	J	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.4	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.23	1.13	pCi/L	5.06	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.86	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.04	—	µg/L	—	3	Y	J	J	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.21	1.05	pCi/L	4.77	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.529	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2	0.97	pCi/L	2.9	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	48.5	2.25	pCi/L	2.95	—	Y	—	NQ	N3B-2020-38	CAWR-20-188072	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	70.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.67	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.18	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0901	1.99	pCi/L	7.45	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.603	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00673	0.00634	pCi/L	0.0467	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00896	0.00672	pCi/L	0.0505	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.1	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.8	16.9	pCi/L	61.6	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.159	0.137	pCi/L	0.488	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.177	0.217	pCi/L	—	—	Y	—	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0179	0.169	pCi/L	0.619	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0443	1.02	pCi/L	4.09	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	µS/cm	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.202	0.0824	pCi/L	0.268	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.11	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-19	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	2.188	0.899	pCi/L	2.701	—	Y	U	U	N3B-2020-89	CAWR-20-188072	ARSL
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.999	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.698	0.0405	pCi/L	0.0494	—	Y	—	NQ	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0112	0.00789	pCi/L	0.0366	—	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.379	0.0304	pCi/L	0.0328	—	Y	—	NQ	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.47	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	SU	—	0.01	Y	H	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0126	0.00891	pCi/L	0.0501	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.61	—	µg/L	—	2	Y	J	J	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	45.3	—	µg/L	—	1	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	24.7	—	µg/L	—	15	Y	J	U	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.48	1.18	pCi/L	3.86	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.77	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.54	—	µg/L	—	3	Y	J	J	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0134	1.11	pCi/L	4.27	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.488	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.55	1.65	pCi/L	2.84	—	Y	—	NQ	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.56	0.975	pCi/L	2.57	—	Y	—	NQ	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	80.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.71	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.16	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.869	1.91	pCi/L	7.22	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.575	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0133	0.00829	pCi/L	0.0384	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0199	0.00966	pCi/L	0.0423	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.22	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.9	16.9	pCi/L	41.6	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.351	1.22	pCi/L	4.53	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	µS/cm	—	1	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102	—	µg/L	—	1	Y	—	J+	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.171	0.118	pCi/L	0.491	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.08	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	2.2	0.9	pCi/L	2.703	—	Y	U	U	N3B-2019-89	CAWR-19-162077	ARSL
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.14	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.854	0.0525	pCi/L	0.0976	—	Y	—	NQ	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0284	0.0142	pCi/L	0.0946	—	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.414	0.0354	pCi/L	0.0964	—	Y	—	NQ	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	6.31	—	µg/L	—	1	Y	—	U	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	SU	—	0.01	Y	HQ	NQ	2018-459	CAWR-18-147297	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4A	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.4	—	mg/L	—	1.45	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00462	0.00566	pCi/L	0.0405	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.86	—	µg/L	—	2	Y	J	J	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.3	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.7	—	mg/L	—	0.05	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.34	1.17	pCi/L	3.92	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.78	—	mg/L	—	0.067	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.78	—	µg/L	—	3	Y	J	J	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.412	1.31	pCi/L	5.47	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.434	—	mg/L	—	0.033	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.00199	0.661	pCi/L	2.95	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.01	0.631	pCi/L	2.09	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	70	—	mg/L	—	0.453	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.46	—	mg/L	—	0.11	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.12	—	µg/L	—	0.2	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.478	2.65	pCi/L	9.96	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	mg/L	—	0.085	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00882	0.0117	pCi/L	0.0382	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0243	0.0115	pCi/L	0.0496	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.14	—	mg/L	—	0.05	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.08	18.9	pCi/L	71.6	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63	—	mg/L	—	0.053	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	mg/L	—	0.1	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.39	1.16	pCi/L	4.95	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	µS/cm	—	1	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	100	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.109	0.0867	pCi/L	0.376	—	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.16	—	mg/L	—	0.133	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-426	CAWR-18-147411	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	mg/L	—	3.4	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.54	0.755	pCi/L	2.512	—	Y	U	U	2018-475	CAWR-18-147319	ARSL
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.11	—	µg/L	—	0.067	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.08	0.0473	pCi/L	0.0421	—	Y	—	NQ	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0467	0.0128	pCi/L	0.0448	—	Y	—	NQ	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.517	0.0334	pCi/L	0.0407	—	Y	—	NQ	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.07	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	SU	—	0.01	Y	H	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86	—	mg/L	—	1.45	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0218	0.0068	pCi/L	0.0444	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.36	—	µg/L	—	1.7	Y	J	J	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.7	—	µg/L	—	1	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.7	—	µg/L	—	15	Y	J	J	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.6	—	mg/L	—	0.05	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.32	1.41	pCi/L	5.01	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.79	—	mg/L	—	0.067	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.02	—	µg/L	—	3	Y	J	J	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.89	1.52	pCi/L	6.86	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.392	—	mg/L	—	0.033	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0496	0.745	pCi/L	2.88	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.91	0.836	pCi/L	2.58	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	71	—	mg/L	—	0.453	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.73	—	mg/L	—	0.11	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.06	—	µg/L	—	0.3	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.86	2.66	pCi/L	9.33	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	mg/L	—	0.017	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.563	—	µg/L	—	0.05	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0249	0.0122	pCi/L	0.0495	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00249	0.00556	pCi/L	0.0572	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.26	—	mg/L	—	0.05	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-31.3	18.8	pCi/L	64	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	mg/L	—	0.053	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	mg/L	—	0.1	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.03	1.37	pCi/L	4.89	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	µS/cm	—	1	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	106	—	µg/L	—	1	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.278	0.142	pCi/L	0.46	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.06	—	mg/L	—	0.133	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	mg/L	—	3.4	Y	—	NQ	2017-140	CAWR-16-126356	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	11.782	1.894	pCi/L	1.569	—	Y	—	NQ	2017-166	CAWR-16-126330	ARSL
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.18	—	µg/L	—	0.067	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.81	0.0476	pCi/L	0.155	—	Y	—	NQ	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0395	0.014	pCi/L	0.0801	—	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.405	0.0333	pCi/L	0.104	—	Y	—	NQ	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.5	—	µg/L	—	1	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	SU	—	0.01	Y	H	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.3	—	mg/L	—	0.725	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0145	0.009	pCi/L	0.0334	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.24	—	µg/L	—	1.7	Y	J	J	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.9	—	µg/L	—	1	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.7	—	µg/L	—	15	Y	J	J	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.1	—	mg/L	—	0.05	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.37	1.77	pCi/L	5.55	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.81	—	mg/L	—	0.067	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.86	—	µg/L	—	2	Y	J	J	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.52	1.27	pCi/L	5.79	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	mg/L	—	0.033	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.313	0.395	pCi/L	1.39	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.56	0.881	pCi/L	2.89	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	72.9	—	mg/L	—	0.453	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.89	—	mg/L	—	0.11	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.11	—	µg/L	—	0.165	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.15	3.01	pCi/L	10.8	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	mg/L	—	0.085	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.604	—	µg/L	—	0.05	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00749	0.0066	pCi/L	0.0388	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0125	0.00827	pCi/L	0.0506	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.23	—	mg/L	—	0.05	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.54	19.9	pCi/L	77.2	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	mg/L	—	0.053	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	mg/L	—	0.1	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.023	1.8	pCi/L	6.73	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	µS/cm	—	3.63	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	94.5	—	µg/L	—	1	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0601	0.11	pCi/L	0.374	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.17	—	mg/L	—	0.133	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	mg/L	—	3.4	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.1	—	µg/L	—	0.067	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.945	0.048	pCi/L	0.104	—	Y	—	NQ	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0414	0.0125	pCi/L	0.0831	—	Y	U	U	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.433	0.0332	pCi/L	0.0758	—	Y	—	NQ	2016-39	CAWR-16-104428	GELC
Spring 4A	—	10/08/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.8	—	µg/L	—	1	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	09/30/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.589	—	µg/L	—	0.05	Y	—	NQ	2015-20	CAWR-14-86975	GELC
Spring 4A	—	12/03/2013	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	2.095	0.884	pCi/L	2.68	—	Y	U	U	2014-2605	CAWR-13-42152	ARSL
Spring 4A	—	09/28/1994	WG	UF	INIT	REG	Legacy	Legacy	Temperature	TEMP	Y	20.1	—	deg C	—	—	N	—	—	28-SEP-94	9409WGGA4S	NA
Spring 4A	—	04/05/1994	WG	UF	INIT	REG	Legacy	Legacy	Temperature	TEMP	Y	20.8	—	deg C	—	—	N	*	—	05-APR-94	9404WGGA4S	NA
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	4.66	—	µg/L	—	1.5	Y	J	R	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00729	0.0117	pCi/L	0.0329	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.53	—	µg/L	—	2	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.4	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.3	—	µg/L	—	15	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.1	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.08	1.31	pCi/L	3.49	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.45	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.01	—	µg/L	—	3	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.37	1.51	pCi/L	3.34	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.549	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0701	0.622	pCi/L	2.8	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.817	0.778	pCi/L	2.67	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	74.6	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.29	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.657	1.87	pCi/L	6.76	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.811	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.672	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00269	0.0117	pCi/L	0.0471	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0188	0.0123	pCi/L	0.0508	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.77	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.56	15.3	pCi/L	37.6	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.0537	0.208	pCi/L	0.867	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.104	0.239	pCi/L	—	—	Y	—	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.104	0.119	pCi/L	0.42	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.45	1.14	pCi/L	3.84	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	µS/cm	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0723	0.0709	pCi/L	0.246	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.26	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-19	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	mg/L	—	3.4	Y	H	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0714	—	mg/L	—	0.033	Y	J	J+	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.097	0.852	pCi/L	2.888	—	Y	U	U	N3B-2020-90	CAWR-20-188073	ARSL
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.406	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.839	0.0461	pCi/L	0.0527	—	Y	—	NQ	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0387	0.0115	pCi/L	0.039	—	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.414	0.0323	pCi/L	0.035	—	Y	—	NQ	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.97	—	µg/L	—	1	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-39	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.28	—	SU	—	0.01	Y	H	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0213	0.0213	pCi/L	0.102	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.46	—	µg/L	—	2	Y	J	J	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.5	—	µg/L	—	1	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	23	—	µg/L	—	15	Y	J	U	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.2	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0495	0.961	pCi/L	3.54	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.9	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.43	—	µg/L	—	3	Y	J	J	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.38	1.12	pCi/L	4.79	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.479	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.694	0.804	pCi/L	2.96	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.73	0.836	pCi/L	2.37	—	Y	—	NQ	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	84	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.32	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.22	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.128	1.88	pCi/L	6.98	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.646	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0071	0.00785	pCi/L	0.041	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0237	0.01	pCi/L	0.0451	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.02	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.7	14.7	pCi/L	54	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.66	0.923	pCi/L	4.28	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	µS/cm	—	1	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	105	—	µg/L	—	1	Y	—	J+	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.164	0.123	pCi/L	0.491	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.7	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	mg/L	—	0.033	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	2.448	0.932	pCi/L	2.751	—	Y	U	U	N3B-2019-89	CAWR-19-162080	ARSL
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.317	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.343	0.0328	pCi/L	0.0905	—	Y	—	NQ	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0461	0.0161	pCi/L	0.0877	—	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.208	0.0256	pCi/L	0.0893	—	Y	—	NQ	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	5.71	—	µg/L	—	1	Y	—	U	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	2018-426	CAWR-18-147412	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	SU	—	0.01	Y	HQ	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.8	—	mg/L	—	1.45	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00694	0.00612	pCi/L	0.0406	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.93	—	µg/L	—	2	Y	J	J	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.2	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-459	CAWR-18-147298	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.2	—	mg/L	—	0.05	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.98	1.57	pCi/L	6.58	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.85	—	mg/L	—	0.067	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.03	—	µg/L	—	3	Y	J	J	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.464	1.46	pCi/L	5.78	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.436	—	mg/L	—	0.033	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0919	0.701	pCi/L	2.96	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.04	0.623	pCi/L	2.04	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	73.5	—	mg/L	—	0.453	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.02	—	mg/L	—	0.11	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.11	—	µg/L	—	0.2	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.97	3.07	pCi/L	11.2	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.42	—	mg/L	—	0.085	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00473	0.0146	pCi/L	0.041	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0213	0.0127	pCi/L	0.0531	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.16	—	mg/L	—	0.05	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.9	26.7	pCi/L	62.5	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.1	—	mg/L	—	0.053	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	mg/L	—	0.1	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.9	1.77	pCi/L	8.22	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	µS/cm	—	1	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0942	0.0782	pCi/L	0.342	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.6	—	mg/L	—	0.133	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-426	CAWR-18-147412	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	mg/L	—	3.4	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0601	—	mg/L	—	0.033	Y	JQ	J	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.07	0.766	pCi/L	2.605	—	Y	U	U	2018-475	CAWR-18-147320	ARSL
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.499	—	µg/L	—	0.067	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.468	0.0316	pCi/L	0.043	—	Y	—	NQ	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0176	0.00906	pCi/L	0.0458	—	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.238	0.0226	pCi/L	0.0416	—	Y	—	NQ	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.96	—	µg/L	—	1	Y	J	J	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	1.5	Y	U	U	2017-116	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	SU	—	0.01	Y	H	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87	—	mg/L	—	1.45	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00247	0.00553	pCi/L	0.0605	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.13	—	µg/L	—	1.7	Y	J	J	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.1	—	µg/L	—	1	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.2	—	µg/L	—	15	Y	J	J	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.5	—	mg/L	—	0.05	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.811	0.975	pCi/L	3.5	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.78	—	mg/L	—	0.067	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.16	—	µg/L	—	3	Y	J	J	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.298	1.16	pCi/L	4.82	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.382	—	mg/L	—	0.033	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.17	0.855	pCi/L	2.9	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.25	0.756	pCi/L	2.47	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	75.9	—	mg/L	—	0.453	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.38	—	mg/L	—	0.11	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.14	—	µg/L	—	0.3	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.969	2.08	pCi/L	7.54	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	mg/L	—	0.017	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.646	—	µg/L	—	0.05	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00662	0.00583	pCi/L	0.0438	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00661	0.00661	pCi/L	0.0507	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.03	—	mg/L	—	0.05	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.3	15.2	pCi/L	62.6	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	mg/L	—	0.053	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	mg/L	—	0.1	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.295	0.806	pCi/L	3.33	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	µS/cm	—	1	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	110	—	µg/L	—	1	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0814	0.121	pCi/L	0.485	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.38	—	mg/L	—	0.133	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	mg/L	—	3.4	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	mg/L	—	0.033	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.446	0.655	pCi/L	2.192	—	Y	U	U	2017-166	CAWR-16-126331	ARSL
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.565	—	µg/L	—	0.067	Y	—	NQ	2017-140	CAWR-16-126357	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.579	0.0353	pCi/L	0.118	—	Y	—	NQ	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0176	0.00753	pCi/L	0.0611	—	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.309	0.026	pCi/L	0.0792	—	Y	—	NQ	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.48	—	µg/L	—	1	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	3	Y	UH	UJ	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	SU	—	0.01	Y	H	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.8	—	mg/L	—	0.725	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00572	pCi/L	0.0327	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.4	—	µg/L	—	1.7	Y	J	J	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.9	—	µg/L	—	1	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.9	—	µg/L	—	15	Y	J	J	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.1	—	mg/L	—	0.05	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.399	1.31	pCi/L	4.82	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.85	—	mg/L	—	0.067	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.12	—	µg/L	—	2	Y	J	J	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.44	1.51	pCi/L	5.93	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.444	—	mg/L	—	0.033	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.11	0.354	pCi/L	0.995	—	Y	—	NQ	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.48	0.74	pCi/L	2.4	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	75.1	—	mg/L	—	0.453	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.44	—	mg/L	—	0.11	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.25	—	µg/L	—	0.165	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.88	2.3	pCi/L	7.38	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	—	mg/L	—	0.017	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.673	—	µg/L	—	0.05	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00607	0.00671	pCi/L	0.0315	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00405	0.00757	pCi/L	0.041	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.84	—	mg/L	—	0.05	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.7	20	pCi/L	44.6	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	mg/L	—	0.053	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.9	—	mg/L	—	0.1	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.58	1.34	pCi/L	3.88	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	µS/cm	—	3.63	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	99.9	—	µg/L	—	1	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0073	0.105	pCi/L	0.356	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.4	—	mg/L	—	0.133	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	mg/L	—	3.4	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	mg/L	—	0.033	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.558	—	µg/L	—	0.067	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.458	0.0306	pCi/L	0.0851	—	Y	—	NQ	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0194	0.00841	pCi/L	0.0683	—	Y	U	U	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.218	0.0212	pCi/L	0.0622	—	Y	—	NQ	2016-48	CAWR-16-104429	GELC
Spring 4AA	—	10/13/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.69	—	µg/L	—	1	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	09/30/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.616	—	µg/L	—	0.05	Y	—	NQ	2015-20	CAWR-14-86976	GELC
Spring 4AA	—	04/24/2008	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	2.1252	0.2898	pCi/L	0.2898	—	Y	—	NQ	08-1077	CAWR-08-12131	UMTL
Spring 5	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.7	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0215	0.0108	pCi/L	0.0364	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.8	—	µg/L	—	2	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.6	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.2	—	µg/L	—	15	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.9	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.659	1.14	pCi/L	4.5	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.37	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.49	—	µg/L	—	3	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.4	0.962	pCi/L	3.22	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.562	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.29	0.99	pCi/L	2.87	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.4	0.96	pCi/L	2.83	—	Y	—	NQ	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	63.7	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.64	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.956	—	µg/L	—	0.2	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.222	2.29	pCi/L	8.61	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.794	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.411	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0136	0.00979	pCi/L	0.0475	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00543	0.00767	pCi/L	0.0513	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.02	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.318	16.5	pCi/L	66.8	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.157	0.228	pCi/L	0.844	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.228	0.283	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0713	0.169	pCi/L	0.606	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.7	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.283	1.17	pCi/L	4.66	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	µS/cm	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.5	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0606	0.0605	pCi/L	0.213	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.08	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-19	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.06	0.839	pCi/L	2.853	—	Y	U	U	N3B-2020-89	CAWR-20-188075	ARSL
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.552	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.876	0.0492	pCi/L	0.0564	—	Y	—	NQ	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.035	0.0159	pCi/L	0.0418	—	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.446	0.0345	pCi/L	0.0375	—	Y	—	NQ	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.85	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	SU	—	0.01	Y	H	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00734	0.00882	pCi/L	0.0584	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.75	—	µg/L	—	2	Y	J	J	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.5	—	µg/L	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.28	0.694	pCi/L	2.47	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.15	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.77	—	µg/L	—	3	Y	J	J	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.188	0.664	pCi/L	2.54	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.408	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.65	1.05	pCi/L	2.96	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.87	0.678	pCi/L	1.94	—	Y	—	NQ	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	64	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.62	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.905	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.591	1.62	pCi/L	5.26	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.824	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.41	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00218	0.00655	pCi/L	0.0378	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00654	0.00724	pCi/L	0.0416	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.91	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.68	10.7	pCi/L	20.6	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.7	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.21	0.747	pCi/L	3.18	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	µS/cm	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	85.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0217	0.126	pCi/L	0.478	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.17	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.898	0.908	pCi/L	2.803	—	Y	U	U	N3B-2019-89	CAWR-19-162086	ARSL
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.583	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.428	0.0488	pCi/L	0.149	—	Y	—	NQ	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0277	0.0175	pCi/L	0.145	—	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.302	0.0404	pCi/L	0.147	—	Y	—	NQ	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	10.1	—	µg/L	—	1	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	SU	—	0.01	Y	HQ	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	SU	—	0.01	Y	HQ	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.2	—	mg/L	—	1.45	Y	Q	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	mg/L	—	1.45	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00852	0.00852	pCi/L	0.0373	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0042	0.0119	pCi/L	0.0368	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.22	—	µg/L	—	2	Y	J	J	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.74	—	µg/L	—	2	Y	J	J	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.7	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	26.3	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-460	CAWR-18-147387	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.4	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.2	1.14	pCi/L	3.8	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.02	1.21	pCi/L	4.19	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.24	—	mg/L	—	0.067	Y	Q	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.29	—	mg/L	—	0.067	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.35	—	µg/L	—	3	Y	J	J	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	4.42	—	µg/L	—	3	Y	J	J	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.119	1.25	pCi/L	4.43	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.309	1.12	pCi/L	4.82	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	mg/L	—	0.033	Y	Q	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.35	—	mg/L	—	0.033	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.28	0.854	pCi/L	2.83	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.0502	0.69	pCi/L	2.95	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.36	0.729	pCi/L	2.06	—	Y	—	NQ	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.346	0.646	pCi/L	2.33	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	mg/L	—	0.453	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.9	—	mg/L	—	0.453	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.32	—	mg/L	—	0.11	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.39	—	mg/L	—	0.11	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.922	—	µg/L	—	0.2	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.849	—	µg/L	—	0.2	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.205	2.48	pCi/L	8.43	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.07	2.31	pCi/L	9.01	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.9	—	mg/L	—	0.085	Y	Q	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.44	—	mg/L	—	0.085	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00857	0.0109	pCi/L	0.0371	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00634	0.007	pCi/L	0.0366	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00214	0.00772	pCi/L	0.0481	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00422	0.00422	pCi/L	0.0474	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.01	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.03	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-44.5	17.5	pCi/L	56.3	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	21.5	21.4	pCi/L	38.4	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.3	—	mg/L	—	0.053	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.3	—	mg/L	—	0.053	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	mg/L	—	0.1	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	mg/L	—	0.1	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.86	1.24	pCi/L	5.5	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.237	1.29	pCi/L	5.05	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	µS/cm	—	1	Y	Q	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	µS/cm	—	1	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	85.8	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0955	0.0994	pCi/L	0.377	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.166	0.088	pCi/L	0.397	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.08	—	mg/L	—	0.133	Y	Q	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.04	—	mg/L	—	0.133	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-426	CAWR-18-147414	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-426	CAWR-18-147428	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	mg/L	—	3.4	Y	Q	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	mg/L	—	3.4	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.619	0.747	pCi/L	2.56	—	Y	U	U	2018-475	CAWR-18-147322	ARSL
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.054	0.691	pCi/L	2.342	—	Y	U	U	2018-475	CAWR-18-147425	ARSL
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.507	—	µg/L	—	0.067	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.52	—	µg/L	—	0.067	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.39	0.0331	pCi/L	0.0537	—	Y	—	NQ	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.404	0.0295	pCi/L	0.0426	—	Y	—	NQ	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0188	0.0117	pCi/L	0.0571	—	Y	U	U	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0298	0.0117	pCi/L	0.0453	—	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.185	0.0234	pCi/L	0.0519	—	Y	—	NQ	2018-460	CAWR-18-147322	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.185	0.0205	pCi/L	0.0412	—	Y	—	NQ	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.54	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	9.76	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	SU	—	0.01	Y	H	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79	—	mg/L	—	1.45	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00951	0.0112	pCi/L	0.0581	—	Y	U	U	2017-142	CAWR-16-126333	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.08	—	µg/L	—	1.7	Y	J	J	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.7	—	µg/L	—	15	Y	J	J	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.436	1.47	pCi/L	5.21	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.21	—	mg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.72	—	µg/L	—	3	Y	J	J	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.425	1.03	pCi/L	3.95	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	mg/L	—	0.033	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.21	0.672	pCi/L	2.76	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.91	0.956	pCi/L	2.85	—	Y	—	NQ	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.5	—	mg/L	—	0.453	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.59	—	mg/L	—	0.11	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.922	—	µg/L	—	0.3	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.036	2.13	pCi/L	8.05	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.793	—	mg/L	—	0.017	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.415	—	µg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0157	0.00925	pCi/L	0.0446	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00224	0.00673	pCi/L	0.0515	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.87	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.2	17.3	pCi/L	76.1	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64	—	mg/L	—	0.053	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	mg/L	—	0.1	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.49	1.32	pCi/L	4.45	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	µS/cm	—	1	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	91.3	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0753	0.108	pCi/L	0.387	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.03	—	mg/L	—	0.133	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	mg/L	—	3.4	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.524	0.624	pCi/L	1.865	—	Y	U	U	2017-166	CAWR-16-126333	ARSL
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.618	—	µg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.338	0.0377	pCi/L	0.203	—	Y	—	NQ	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0129	0.0156	pCi/L	0.105	—	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.195	0.0296	pCi/L	0.136	—	Y	—	NQ	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.39	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	SU	—	0.01	Y	H	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	mg/L	—	0.725	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00765	0.00663	pCi/L	0.0309	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.28	—	µg/L	—	1.7	Y	J	J	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.9	—	µg/L	—	1	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.8	—	µg/L	—	15	Y	J	J	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.4	—	mg/L	—	0.05	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.39	2	pCi/L	7.54	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.24	—	mg/L	—	0.067	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.59	—	µg/L	—	2	Y	J	J	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.63	1.85	pCi/L	7.59	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.354	—	mg/L	—	0.033	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	7.38	0.981	pCi/L	2.39	—	Y	—	NQ	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.01	0.559	pCi/L	1.83	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	mg/L	—	0.453	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.55	—	mg/L	—	0.11	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.03	—	µg/L	—	0.165	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.418	4.23	pCi/L	14.5	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.727	—	mg/L	—	0.017	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.408	—	µg/L	—	0.05	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00708	0.00528	pCi/L	0.0367	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00746	pCi/L	0.0478	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.02	—	mg/L	—	0.05	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	92.9	37	pCi/L	72.1	—	Y	—	NQ	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.3	—	mg/L	—	0.053	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	mg/L	—	0.1	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.307	1.77	pCi/L	5.65	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	µS/cm	—	3.63	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	89.4	—	µg/L	—	1	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0917	0.0545	pCi/L	0.195	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.14	—	mg/L	—	0.133	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	mg/L	—	3.4	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.596	—	µg/L	—	0.067	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.418	0.0323	pCi/L	0.105	—	Y	—	NQ	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0328	0.0108	pCi/L	0.084	—	Y	U	U	2016-32	CAWR-16-104431	GELC
Spring 5	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.184	0.0224	pCi/L	0.0765	—	Y	—	NQ	2016-32	CAWR-16-104431	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.3	—	µg/L	—	1	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	09/30/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.45	—	µg/L	—	0.05	Y	—	NQ	2015-17	CAWR-14-86978	GELC
Spring 5	—	12/03/2013	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	2.178	0.89	pCi/L	2.68	—	Y	U	U	2014-2605	CAWR-13-42153	ARSL
Spring 5	—	09/28/1994	WG	UF	INIT	REG	Legacy	Legacy	Temperature	TEMP	Y	20	—	deg C	—	—	N	—	—	28-SEP-94	9409WGG5SW	NA
Spring 5B	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00279	0.00924	pCi/L	0.0377	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.74	—	µg/L	—	2	Y	J	J	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	µg/L	—	15	Y	J	J	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.163	1.28	pCi/L	4.92	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.19	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.78	—	µg/L	—	3	Y	J	J	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.5	1.34	pCi/L	3.85	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.27	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.605	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.31	0.982	pCi/L	2.9	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.1	0.877	pCi/L	2.95	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	56.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.86	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.07	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.846	2.47	pCi/L	9.23	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0222	0.00762	pCi/L	0.0385	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0166	0.00691	pCi/L	0.0416	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.99	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.7	17.5	pCi/L	67	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0	0.169	pCi/L	0.718	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.139	0.287	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.139	0.231	pCi/L	0.809	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.8	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.502	1.13	pCi/L	4.85	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	µS/cm	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	88.9	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.159	0.0737	pCi/L	0.262	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.74	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.51	—	µg/L	—	0.3	Y	BJ	J	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.377	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.457	0.833	pCi/L	2.792	—	Y	U	U	N3B-2020-90	CAWR-20-188077	ARSL
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.705	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.412	0.0342	pCi/L	0.0568	—	Y	—	NQ	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0289	0.0116	pCi/L	0.0421	—	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.226	0.025	pCi/L	0.0377	—	Y	—	NQ	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.68	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	SU	—	0.01	Y	H	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.005	0.00866	pCi/L	0.0597	—	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.58	—	µg/L	—	2	Y	J	J	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.8	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.402	0.83	pCi/L	3.15	—	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.07	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.89	—	µg/L	—	3	Y	J	J	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.67	1.65	pCi/L	4.08	—	Y	UI	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-39	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.16	—	µg/L	—	3.16	Y	U	U	N3B-2019-39	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.42	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.86	1.36	pCi/L	2.8	—	Y	—	NQ	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	13.2	1.05	pCi/L	2.2	—	Y	—	NQ	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.7	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.92	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.07	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.454	1.65	pCi/L	6.15	—	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.695	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.381	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00269	0.0104	pCi/L	0.0466	—	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0242	0.0129	pCi/L	0.0513	—	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.04	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.82	12.2	pCi/L	44.3	—	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.9	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.66	1.23	pCi/L	2.84	—	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	µS/cm	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	89.2	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.107	0.125	pCi/L	0.478	—	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-39	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.184	0.813	pCi/L	2.616	—	Y	U	U	N3B-2019-89	CAWR-19-162092	ARSL
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.715	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.467	0.0484	pCi/L	0.139	—	Y	—	NQ	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0547	0.0195	pCi/L	0.135	—	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.282	0.0368	pCi/L	0.137	—	Y	—	NQ	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.39	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	SU	—	0.01	Y	H	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75	—	mg/L	—	1.45	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0114	0.011	pCi/L	0.056	—	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	1.97	—	µg/L	—	1.7	Y	J	J	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.5	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.9	—	µg/L	—	15	Y	J	J	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.8	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.04	1	pCi/L	4.23	—	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.09	—	mg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.77	—	µg/L	—	3	Y	J	J	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.627	1.03	pCi/L	4.23	—	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	12	—	µg/L	—	3.61	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	mg/L	—	0.033	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.68	1.43	pCi/L	2.9	—	Y	—	NQ	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7	1.07	pCi/L	2.25	—	Y	—	NQ	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	55	—	mg/L	—	0.453	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.78	—	mg/L	—	0.11	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.03	—	µg/L	—	0.3	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.822	2.14	pCi/L	7.24	—	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.714	—	mg/L	—	0.017	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	µg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0071	0.00784	pCi/L	0.047	—	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.026	0.0118	pCi/L	0.0543	—	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.91	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	51.3	21.5	pCi/L	39.9	—	Y	UI	R	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.3	—	mg/L	—	0.053	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	mg/L	—	0.1	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.128	0.941	pCi/L	3.76	—	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	µS/cm	—	1	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	94.2	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.16	0.128	pCi/L	0.48	—	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.76	—	mg/L	—	0.133	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	µg/L	—	0.3	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	mg/L	—	3.4	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	mg/L	—	0.33	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.76	0.959	pCi/L	3.012	—	Y	U	U	2017-166	CAWR-16-126335	ARSL
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.741	—	µg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.506	0.0438	pCi/L	0.209	—	Y	—	NQ	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00444	0.00768	pCi/L	0.108	—	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.205	0.028	pCi/L	0.14	—	Y	—	NQ	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.22	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	SU	—	0.01	Y	H	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.7	—	mg/L	—	0.725	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0023	0.00609	pCi/L	0.0372	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.35	—	µg/L	—	1.7	Y	J	J	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.4	—	µg/L	—	1	Y	—	NQ	2016-32	CAWR-16-104450	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	µg/L	—	15	Y	J	J	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.7	—	mg/L	—	0.05	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.29	1.65	pCi/L	5.63	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.11	—	mg/L	—	0.067	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.01	—	µg/L	—	2	Y	J	J	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.36	1.48	pCi/L	5.33	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	5.75	—	µg/L	—	1.72	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	UJ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	mg/L	—	0.033	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.324	0.484	pCi/L	1.85	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	12	0.959	pCi/L	1.77	—	Y	—	NQ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	51.6	—	mg/L	—	0.453	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.61	—	mg/L	—	0.11	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.997	—	µg/L	—	0.165	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.18	2.85	pCi/L	10.8	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.639	—	mg/L	—	0.017	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	µg/L	—	0.05	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0019	0.00664	pCi/L	0.0332	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00517	0.00788	pCi/L	0.0434	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.96	—	mg/L	—	0.05	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12	14.4	pCi/L	65.5	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	mg/L	—	0.053	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	mg/L	—	0.1	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.154	1.27	pCi/L	5.25	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	µS/cm	—	3.63	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	87.1	—	µg/L	—	1	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.401	0.0881	pCi/L	0.457	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.76	—	mg/L	—	0.133	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	µg/L	—	0.3	Y	U	UJ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	mg/L	—	3.4	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	mg/L	—	0.33	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.709	—	µg/L	—	0.067	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.515	0.0351	pCi/L	0.1	—	Y	—	NQ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0343	0.0107	pCi/L	0.0803	—	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.282	0.0265	pCi/L	0.0732	—	Y	—	NQ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/07/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.16	—	µg/L	—	1	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00254	0.00569	pCi/L	0.0331	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.34	1.6	pCi/L	4.21	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.793	1.2	pCi/L	4.58	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dichlorobenzene[1,3-]	541-73-1	N	10.8	—	µg/L	—	3.23	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.00905	0.385	pCi/L	1.34	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.57	0.914	pCi/L	2.9	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.45	3.32	pCi/L	7.94	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00296	0.00514	pCi/L	0.0302	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00726	pCi/L	0.0464	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.1	12.3	pCi/L	35.7	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.987	0.984	pCi/L	3.6	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.148	0.13	pCi/L	0.486	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	µg/L	—	0.3	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.464	0.626	pCi/L	1.891	—	Y	U	U	2014-2649	CAWR-13-42154	ARSL
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.524	0.0411	pCi/L	0.0639	—	Y	—	NQ	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0078	0.0123	pCi/L	0.0402	—	Y	U	U	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	12/10/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.347	0.0343	pCi/L	0.0339	—	Y	—	NQ	2014-2646	CAWR-13-42154	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	SU	—	0.01	Y	H	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.3	—	mg/L	—	0.725	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.72	—	µg/L	—	1.7	Y	J	J	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	32	—	µg/L	—	1	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Boron	B	Y	17.4	—	µg/L	—	15	Y	J	J	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	16.8	—	mg/L	—	0.05	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	mg/L	—	0.067	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.98	—	µg/L	—	2	Y	J	J	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.384	—	mg/L	—	0.033	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	mg/L	—	0.453	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	3.93	—	mg/L	—	0.11	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.15	—	µg/L	—	0.165	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	mg/L	—	0.085	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.357	—	µg/L	—	0.05	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	2.18	—	mg/L	—	0.05	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.2	—	mg/L	—	0.053	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	11.5	—	mg/L	—	0.1	Y	—	NQ	12-1574	CAWR-12-23475	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	µS/cm	—	1	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	92.4	—	µg/L	—	1	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.68	—	mg/L	—	0.133	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	mg/L	—	3.4	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.814	—	mg/L	—	0.33	Y	J	J	12-1574	CAWR-12-23447	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.736	—	µg/L	—	0.067	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	Y	8.66	—	µg/L	—	1	Y	—	NQ	12-1574	CAWR-12-23475	GELC
Spring 5B	—	09/25/2007	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	Y	1.5778	0.2898	pCi/L	0.2898	—	Y	—	NQ	2409	UU070900GB5S01	UMTL
Spring 6	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	SU	—	0.01	Y	H	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0111	0.00665	pCi/L	0.03	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.1	—	µg/L	—	2	Y	J	J	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.2	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.25	1.91	pCi/L	4.32	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.87	—	µg/L	—	3	Y	J	J	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00778	0.801	pCi/L	3.13	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.36	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.515	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.78	0.815	pCi/L	2.97	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-2.03	0.765	pCi/L	2.92	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.42	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.06	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.98	2	pCi/L	6.5	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.245	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000192	—	µg/L	—	0.00018	Y	J	J	N3B-2020-35	CAWR-20-188078	SwRI
Spring 6	—	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0105	0.0116	pCi/L	0.0611	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0174	0.0174	pCi/L	0.0659	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.8	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.92	13.4	pCi/L	56.4	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.217	0.144	pCi/L	0.479	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.217	0.187	pCi/L	—	—	Y	—	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.207	0.119	pCi/L	0.511	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.452	1.07	pCi/L	4.52	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	µS/cm	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.2	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.236	0.145	pCi/L	0.479	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.355	—	mg/L	—	0.33	Y	J	J	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.217	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.227	0.0232	pCi/L	0.046	—	Y	—	NQ	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00778	0.00778	pCi/L	0.034	—	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0945	0.0156	pCi/L	0.0305	—	Y	—	NQ	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.14	—	µg/L	—	1	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	SU	—	0.01	Y	H	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	SU	—	0.01	Y	H	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000576	0.0141	pCi/L	0.0634	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0209	0.00901	pCi/L	0.0555	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.79	—	µg/L	—	2	Y	J	J	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.17	—	µg/L	—	2	Y	J	J	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23.7	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.174	0.922	pCi/L	3.39	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.162	0.769	pCi/L	2.82	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.88	—	µg/L	—	3	Y	J	J	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	3.89	—	µg/L	—	3	Y	J	J	N3B-2019-75	CAWR-19-162096	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.79	0.93	pCi/L	3.94	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.384	0.933	pCi/L	3.51	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.37	—	µg/L	—	3.37	Y	U	U	N3B-2019-39	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.23	—	µg/L	—	3.23	Y	U	U	N3B-2019-39	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-39	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-39	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.306	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.339	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.34	0.864	pCi/L	2.79	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.97	0.532	pCi/L	2.97	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.82	0.829	pCi/L	2.55	—	Y	—	NQ	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.56	0.611	pCi/L	1.72	—	Y	—	NQ	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	43.7	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.59	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.5	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.03	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.42	1.69	pCi/L	5.89	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.32	1.48	pCi/L	5.69	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.281	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.281	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.37	—	µg/L	—	3.37	Y	U	U	N3B-2019-39	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.23	—	µg/L	—	3.23	Y	U	U	N3B-2019-39	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.303	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.309	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0124	0.00829	pCi/L	0.0359	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00187	0.00675	pCi/L	0.0325	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0145	0.00687	pCi/L	0.0395	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00375	0.00649	pCi/L	0.0357	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.87	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.8	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.19	12.9	pCi/L	32.5	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-15.2	11.4	pCi/L	39.5	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.92	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.74	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.91	0.711	pCi/L	2.28	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.688	0.825	pCi/L	3.47	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	µS/cm	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	µS/cm	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.1	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.1	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0153	0.132	pCi/L	0.489	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.191	0.144	pCi/L	0.481	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.43	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.59	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-39	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.213	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.21	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.196	0.0332	pCi/L	0.137	—	Y	—	NQ	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.166	0.0232	pCi/L	0.091	—	Y	—	NQ	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0198	0.015	pCi/L	0.133	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0166	0.00877	pCi/L	0.0883	—	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0893	0.0234	pCi/L	0.135	—	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0911	0.0186	pCi/L	0.0899	—	Y	—	NQ	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.66	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.48	—	µg/L	—	1	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	SU	—	0.01	Y	H	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.5	—	mg/L	—	1.45	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0181	0.0179	pCi/L	0.0353	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	µg/L	—	2	Y	U	U	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.4	—	µg/L	—	1	Y	—	NQ	2018-458	CAWR-18-147303	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	mg/L	—	0.05	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.671	1.43	pCi/L	5.21	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	mg/L	—	0.067	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.93	—	µg/L	—	3	Y	J	J	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.65	1.75	pCi/L	6.13	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	µg/L	—	0.3	Y	U	U	2018-426	CAWR-18-147417	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.13	—	µg/L	—	3.13	Y	U	U	2018-426	CAWR-18-147417	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.265	—	mg/L	—	0.033	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.119	0.716	pCi/L	2.95	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.35	0.811	pCi/L	2.41	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	mg/L	—	0.453	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.28	—	mg/L	—	0.11	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.899	—	µg/L	—	0.2	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.678	2.43	pCi/L	8.99	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.306	—	mg/L	—	0.017	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.13	—	µg/L	—	3.13	Y	U	U	2018-426	CAWR-18-147417	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0327	0.0139	pCi/L	0.0473	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.03	0.0157	pCi/L	0.0613	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	mg/L	—	0.05	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.7	20	pCi/L	67.5	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	mg/L	—	0.053	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.6	—	mg/L	—	0.1	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.873	1.21	pCi/L	5.41	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	µS/cm	—	1	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.9	—	µg/L	—	1	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.12	0.135	pCi/L	0.478	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	mg/L	—	0.133	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-426	CAWR-18-147417	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	mg/L	—	3.4	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.173	—	µg/L	—	0.067	Y	J	J	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.209	0.0226	pCi/L	0.0475	—	Y	—	NQ	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0277	0.0104	pCi/L	0.0506	—	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.108	0.0162	pCi/L	0.0459	—	Y	—	NQ	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.24	—	µg/L	—	1	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	SU	—	0.01	Y	H	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	mg/L	—	1.45	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0106	0.00664	pCi/L	0.0434	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.7	Y	U	U	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.3	—	µg/L	—	1	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	mg/L	—	0.05	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.983	1.39	pCi/L	4.78	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	mg/L	—	0.067	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.9	—	µg/L	—	3	Y	J	J	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.59	1.04	pCi/L	3.33	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	11.9	—	µg/L	—	3.57	Y	U	U	2017-116	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	U	2017-116	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.294	—	mg/L	—	0.033	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.22	0.712	pCi/L	3	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.19	0.856	pCi/L	2.87	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.7	—	mg/L	—	0.453	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.48	—	mg/L	—	0.11	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.978	—	µg/L	—	0.3	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.76	2.3	pCi/L	8.98	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.311	—	mg/L	—	0.017	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	11.9	—	µg/L	—	3.57	Y	U	U	2017-116	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.304	—	µg/L	—	0.05	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.04	0.0179	pCi/L	0.053	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00266	0.00799	pCi/L	0.0612	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.81	—	mg/L	—	0.05	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.8	19.1	pCi/L	64.6	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	mg/L	—	0.053	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	mg/L	—	0.1	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.503	1.06	pCi/L	4.06	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	µS/cm	—	1	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.8	—	µg/L	—	1	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.247	0.127	pCi/L	0.417	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	—	mg/L	—	0.133	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	mg/L	—	3.4	Y	—	J	2017-141	CAWR-16-126362	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/12/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	mg/L	—	0.33	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.235	—	µg/L	—	0.067	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.203	0.0223	pCi/L	0.129	—	Y	—	NQ	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0273	0.00946	pCi/L	0.0665	—	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0972	0.0162	pCi/L	0.0861	—	Y	—	NQ	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.87	—	µg/L	—	1	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	SU	—	0.01	Y	H	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.6	—	mg/L	—	0.725	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00406	0.00703	pCi/L	0.0328	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.1	—	µg/L	—	1.7	Y	J	J	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.4	—	µg/L	—	1	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12	—	mg/L	—	0.05	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.528	1.52	pCi/L	5.86	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	mg/L	—	0.067	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.02	—	µg/L	—	2	Y	J	J	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.13	1.45	pCi/L	5.81	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	1	—	µg/L	—	0.3	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	5.38	—	µg/L	—	1.61	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	mg/L	—	0.033	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.95	0.487	pCi/L	1.31	—	Y	—	NQ	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.1	0.691	pCi/L	2.11	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.2	—	mg/L	—	0.453	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.66	—	mg/L	—	0.11	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	µg/L	—	0.165	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.292	3.33	pCi/L	10.7	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.271	—	mg/L	—	0.017	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	5.38	—	µg/L	—	1.61	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodiethylamine[N-]	55-18-5	N	0.1	—	µg/L	—	0.03	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.297	—	µg/L	—	0.05	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00878	0.00537	pCi/L	0.0341	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00658	0.00849	pCi/L	0.0444	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.95	—	mg/L	—	0.05	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.66	16.4	pCi/L	70.6	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	mg/L	—	0.053	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	mg/L	—	0.1	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.39	1.55	pCi/L	5.63	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	µS/cm	—	3.63	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.8	—	µg/L	—	1	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.157	0.0647	pCi/L	0.233	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.46	—	mg/L	—	0.133	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	N	14.3	—	mg/L	—	3.4	Y	U	U	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	mg/L	—	0.33	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.244	—	µg/L	—	0.067	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.308	0.0359	pCi/L	0.169	—	Y	—	J-	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00964	0.0152	pCi/L	0.135	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0897	0.021	pCi/L	0.123	—	Y	U	U	2016-20	CAWR-16-104433	GELC
Spring 6	—	10/05/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.48	—	µg/L	—	1	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/01/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	µg/L	—	0.05	Y	—	NQ	2015-22	CAWR-14-86981	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.4	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0674	0.0421	pCi/L	0.152	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0165	pCi/L	0.0477	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.9	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	28.4	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.693	1.03	pCi/L	3.9	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.788	1.03	pCi/L	4.07	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.41	—	µg/L	—	3	Y	J	J	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.13	—	µg/L	—	3	Y	J	J	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.829	1.14	pCi/L	3.97	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.388	1.04	pCi/L	4.05	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.361	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.19	1	pCi/L	2.94	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.92	1.1	pCi/L	2.98	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.78	1.06	pCi/L	2.66	—	Y	—	NQ	N3B-2020-38	CAWR-20-188079	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.36	0.909	pCi/L	2.8	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	36.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.88	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.59	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	µg/L	—	2	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	5.69	—	µg/L	—	2	Y	J	J	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.81	1.94	pCi/L	7.43	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.65	2.05	pCi/L	7.92	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	µg/L	—	0.6	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.19	—	µg/L	—	0.6	Y	J	J	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.44	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.441	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.275	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.291	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000000013	0.0446	pCi/L	0.195	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0365	0.0127	pCi/L	0.064	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0669	0.0473	pCi/L	0.211	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0146	0.0171	pCi/L	0.069	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.96	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.93	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.1	15.5	pCi/L	59.2	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-22.1	16.1	pCi/L	58.3	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.289	0.149	pCi/L	0.457	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.514	0.16	pCi/L	0.328	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.674	0.2	pCi/L	—	—	Y	—	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.84	0.214	pCi/L	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.385	0.134	pCi/L	0.398	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.326	0.141	pCi/L	0.441	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.71	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.3	0.837	pCi/L	3.47	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.246	0.991	pCi/L	3.91	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	µS/cm	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	µS/cm	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.7	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.4	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.132	0.0912	pCi/L	0.317	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.299	0.122	pCi/L	0.487	—	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.651	—	mg/L	—	0.033	Y	—	J+	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.111	—	mg/L	—	0.033	Y	—	J+	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.625	—	mg/L	—	0.33	Y	J	J	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.339	—	mg/L	—	0.33	Y	J	J	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.222	0.862	pCi/L	2.942	—	Y	U	U	N3B-2020-90	CAWR-20-188079	ARSL
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.926	0.895	pCi/L	2.941	—	Y	U	U	N3B-2020-90	CAWR-20-188080	ARSL
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.222	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.238	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.505	0.102	pCi/L	0.246	—	Y	—	NQ	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.289	0.0272	pCi/L	0.0504	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0416	0.05	pCi/L	0.182	—	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0399	0.0134	pCi/L	0.0373	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.415	0.0847	pCi/L	0.163	—	Y	—	NQ	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.166	0.0237	pCi/L	0.0335	—	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.26	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.56	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	SU	—	0.01	Y	H	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	mg/L	—	1.45	Y	—	NQ	2018-459	CAWR-18-147304	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00523	pCi/L	0.0324	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.1	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	mg/L	—	0.05	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.26	0.829	pCi/L	2.72	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	mg/L	—	0.067	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.93	—	µg/L	—	3	Y	J	J	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.314	0.807	pCi/L	3.27	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	mg/L	—	0.033	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.57	0.923	pCi/L	2.92	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.39	0.725	pCi/L	2.33	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	35.1	—	mg/L	—	0.453	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.13	—	mg/L	—	0.11	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	µg/L	—	2	Y	U	U	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.77	—	µg/L	—	0.2	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.82	2.62	pCi/L	6.65	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	µg/L	—	0.6	Y	U	U	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.448	—	mg/L	—	0.017	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00898	0.0167	pCi/L	0.0519	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.012	0.0104	pCi/L	0.0673	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.89	—	mg/L	—	0.05	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.501	14.8	pCi/L	58.7	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.5	—	mg/L	—	0.053	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	mg/L	—	0.1	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.109	0.734	pCi/L	3.12	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	µS/cm	—	1	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.5	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0717	0.0967	pCi/L	0.389	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.82	—	mg/L	—	0.133	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-459	CAWR-18-147418	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	mg/L	—	3.4	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	mg/L	—	0.033	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.376	—	mg/L	—	0.33	Y	J	J	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.897	0.769	pCi/L	2.512	—	Y	U	U	2018-475	CAWR-18-147326	ARSL
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.2	—	µg/L	—	0.067	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.256	0.0233	pCi/L	0.0416	—	Y	—	NQ	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0389	0.0109	pCi/L	0.0443	—	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0885	0.0161	pCi/L	0.0402	—	Y	—	NQ	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	SU	—	0.01	Y	H	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	mg/L	—	0.725	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00468	0.00916	pCi/L	0.0354	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.9	—	µg/L	—	1	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.7	—	mg/L	—	0.05	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.01	1.51	pCi/L	5.16	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2	—	mg/L	—	0.067	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	2.51	—	µg/L	—	2	Y	J	J	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.341	1.29	pCi/L	4.81	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.288	—	mg/L	—	0.033	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.74	0.806	pCi/L	2.43	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.91	0.961	pCi/L	2.84	—	Y	—	NQ	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.2	—	mg/L	—	0.453	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.05	—	mg/L	—	0.11	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	21.1	—	µg/L	—	2	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.21	—	µg/L	—	0.165	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.51	2.5	pCi/L	8.49	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	µg/L	—	0.5	Y	U	U	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.283	—	mg/L	—	0.017	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.271	—	µg/L	—	0.05	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00799	0.00883	pCi/L	0.0396	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00266	0.00799	pCi/L	0.0349	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	mg/L	—	0.05	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	41	24.5	pCi/L	59.2	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.9	—	mg/L	—	0.053	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	mg/L	—	0.1	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.383	1.31	pCi/L	4.7	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	µS/cm	—	3.63	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.3	—	µg/L	—	1	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.322	0.15	pCi/L	0.487	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.31	—	mg/L	—	0.133	Y	—	NQ	2015-20	CAWR-14-86982	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	mg/L	—	3.4	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.051	—	mg/L	—	0.033	Y	J	J	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.449	—	mg/L	—	0.33	Y	J	J	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.146	—	µg/L	—	0.067	Y	J	J	2015-20	CAWR-14-86982	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.181	0.0254	pCi/L	0.0734	—	Y	—	NQ	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.00953	pCi/L	0.0514	—	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.108	0.0187	pCi/L	0.0391	—	Y	—	NQ	2015-20	CAWR-14-86955	GELC
Spring 6A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.57	—	µg/L	—	1	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	SU	—	0.01	Y	H	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	mg/L	—	0.725	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00251	0.00832	pCi/L	0.0342	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	18.6	—	µg/L	—	1	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	11.7	—	mg/L	—	0.05	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.355	1.59	pCi/L	5.74	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	mg/L	—	0.067	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.04	—	µg/L	—	2	Y	J	J	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.09	1.65	pCi/L	6.74	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	mg/L	—	0.033	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.177	0.6	pCi/L	2.5	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.87	0.841	pCi/L	2.36	—	Y	—	NQ	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	39.8	—	mg/L	—	0.453	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	2.6	—	mg/L	—	0.11	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Manganese	Mn	N	10	—	µg/L	—	2	Y	U	U	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.15	—	µg/L	—	0.165	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.62	2.84	pCi/L	9.76	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	µg/L	—	0.5	Y	U	U	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.33	—	mg/L	—	0.017	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.32	—	µg/L	—	0.05	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0115	0.00854	pCi/L	0.0435	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0115	0.0101	pCi/L	0.0516	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	1.87	—	mg/L	—	0.05	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.147	18.3	pCi/L	71.7	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.1	—	mg/L	—	0.053	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	10.7	—	mg/L	—	0.1	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.344	1.3	pCi/L	5.11	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	µS/cm	—	1	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	63.9	—	µg/L	—	1	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0544	0.127	pCi/L	0.493	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.36	—	mg/L	—	0.133	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	81.4	—	mg/L	—	3.4	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	mg/L	—	0.035	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.83	—	mg/L	—	0.33	Y	J	J	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.714	—	µg/L	—	0.067	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.52	0.0407	pCi/L	0.0528	—	Y	—	NQ	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0148	0.0117	pCi/L	0.0383	—	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.273	0.0293	pCi/L	0.0359	—	Y	—	NQ	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	Y	9.74	—	µg/L	—	1	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.28	—	SU	—	0.01	Y	H	J-	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.3	—	mg/L	—	0.73	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	20	—	µg/L	—	1	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	12.7	—	mg/L	—	0.05	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	mg/L	—	0.066	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.09	—	µg/L	—	2.5	Y	J	J	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	mg/L	—	0.033	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	mg/L	—	0.35	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	2.69	—	mg/L	—	0.085	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Manganese	Mn	N	10	—	µg/L	—	2	Y	U	U	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	N	1.29	—	µg/L	—	0.1	Y	—	U	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	µg/L	—	0.5	Y	U	U	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.359	—	mg/L	—	0.05	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	µg/L	—	0.05	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	1.91	—	mg/L	—	0.05	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	69	—	mg/L	—	0.053	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	13.7	—	mg/L	—	0.1	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	µS/cm	—	1	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	68.3	—	µg/L	—	1	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.44	—	mg/L	—	0.1	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	148	—	mg/L	—	2.4	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.04	—	µg/L	—	0.05	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/28/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	Y	10	—	µg/L	—	1	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	09/29/2009	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	µg/L	—	0.05	Y	—	NQ	10-46	CAWR-09-12550	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00715	0.0124	pCi/L	0.0511	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.24	1.59	pCi/L	4.24	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.547	1.26	pCi/L	4.36	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.24	0.817	pCi/L	1.99	—	Y	—	J	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.26	0.885	pCi/L	2.77	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.43	12.7	pCi/L	35.7	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.000000000243	0.00288	pCi/L	0.0326	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00611	0.00456	pCi/L	0.0385	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.3	17.1	pCi/L	59.3	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.93	1.68	pCi/L	4.12	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.136	0.0783	pCi/L	0.352	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.029	—	mg/L	—	0.029	Y	U	UJ	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.341	—	mg/L	—	0.33	Y	J	J	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	0.4508	0.2898	pCi/L	0.2898	—	Y	—	U	2409	UU070900GA6S01	UMTL
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.794	0.0609	pCi/L	0.0458	—	Y	—	NQ	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0276	0.00919	pCi/L	0.0355	—	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	09/25/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.408	0.0372	pCi/L	0.0402	—	Y	—	NQ	194659	GU070900GA6S01	GELC
Spring 6A	—	09/19/2006	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	Y	0.5796	0.2898	pCi/L	0.2898	—	Y	—	J	2273	UU060900GA6S01	UMTL
Spring 6A	—	09/27/2005	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	0	68.2	pCi/L	234	—	Y	U	U	146889	GU05090GA6S01	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	6.44	—	µg/L	—	1.5	Y	J	R	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	SU	—	0.01	Y	H	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00306	0.0133	pCi/L	0.0414	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.86	—	µg/L	—	2	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.6	—	µg/L	—	1	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.54	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	8.32	1.76	pCi/L	3.58	—	Y	UI	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.9	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.35	1.2	pCi/L	5.35	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.575	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.73	0.9	pCi/L	2.82	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.81	0.963	pCi/L	2.94	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	39.6	—	µg/L	—	30	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.08	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.41	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.5	2.15	pCi/L	8.38	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.695	—	µg/L	—	0.6	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.06	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000243	—	µg/L	—	0.00018	Y	J	J	N3B-2020-35	CAWR-20-188081	SwRI
Spring 8A	—	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.151	—	µg/L	—	0.05	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000596	0.0223	pCi/L	0.108	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0119	0.0223	pCi/L	0.105	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.03	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.00171	22.8	pCi/L	47.7	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.72	0.174	pCi/L	0.29	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.72	0.222	pCi/L	—	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0407	0.138	pCi/L	0.523	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.73	1.12	pCi/L	3.73	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	111	—	µS/cm	—	1	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.6	—	µg/L	—	1	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.167	0.0937	pCi/L	0.328	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.99	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-19	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0521	—	mg/L	—	0.033	Y	J	J	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.675	—	mg/L	—	0.33	Y	J	J	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-1.392	0.806	pCi/L	2.741	—	Y	U	U	N3B-2020-89	CAWR-20-188081	ARSL
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.15	—	µg/L	—	0.067	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.328	0.0391	pCi/L	0.0887	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0123	pCi/L	0.0657	—	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0891	0.0229	pCi/L	0.0589	—	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.69	—	µg/L	—	1	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	SU	—	0.01	Y	HQ	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.9	—	mg/L	—	1.45	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00195	0.00645	pCi/L	0.0341	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.24	—	µg/L	—	2	Y	J	J	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.5	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147305	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.232	1.24	pCi/L	4.7	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.72	—	mg/L	—	0.067	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.2	1.42	pCi/L	6.2	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.349	—	mg/L	—	0.033	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.734	0.808	pCi/L	2.95	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.42	0.803	pCi/L	2.02	—	Y	—	NQ	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	80.6	—	µg/L	—	30	Y	J	J	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.56	—	mg/L	—	0.11	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.07	—	µg/L	—	0.2	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.17	2.8	pCi/L	8.76	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	µg/L	—	0.6	Y	U	U	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	—	mg/L	—	0.017	Y	UQ	U	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.33	—	µg/L	—	3.33	Y	UQ	U	2018-460	CAWR-18-147419	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0112	0.00745	pCi/L	0.0389	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00898	0.0084	pCi/L	0.0505	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.49	—	mg/L	—	0.05	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	30.3	21.1	pCi/L	63	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	mg/L	—	0.053	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	mg/L	—	0.1	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.376	1.55	pCi/L	5.95	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	µS/cm	—	1	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.3	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.15	0.111	pCi/L	0.379	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.53	—	mg/L	—	0.133	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147419	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	mg/L	—	3.4	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0552	—	mg/L	—	0.033	Y	JQ	J	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.11	—	mg/L	—	0.33	Y	Q	NQ	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.927	0.696	pCi/L	2.256	—	Y	U	U	2018-475	CAWR-18-147327	ARSL
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.069	—	µg/L	—	0.067	Y	J	J	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.18	0.0199	pCi/L	0.0433	—	Y	—	NQ	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0228	0.00913	pCi/L	0.0461	—	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.115	0.0164	pCi/L	0.0419	—	Y	—	NQ	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.02	—	µg/L	—	1	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	1.5	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.25	—	SU	—	0.01	Y	H	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72	—	mg/L	—	1.45	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0146	0.00808	pCi/L	0.051	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.7	Y	U	U	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.4	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.74	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.156	1.05	pCi/L	3.89	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	mg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.61	0.918	pCi/L	4.26	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.293	—	mg/L	—	0.033	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.99	0.989	pCi/L	2.68	—	Y	—	NQ	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.28	1.05	pCi/L	2.72	—	Y	—	NQ	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	100	—	µg/L	—	30	Y	U	U	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.79	—	mg/L	—	0.11	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1	—	µg/L	—	0.3	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.927	2.39	pCi/L	7.87	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	µg/L	—	0.5	Y	U	U	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.21	—	mg/L	—	0.017	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	11.1	—	µg/L	—	3.33	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.24	—	µg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0183	0.00915	pCi/L	0.0455	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00723	pCi/L	0.0526	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.89	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.8	18.7	pCi/L	32.8	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.8	—	mg/L	—	0.053	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	mg/L	—	0.1	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.561	1.12	pCi/L	4.41	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	µS/cm	—	1	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.5	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.319	0.154	pCi/L	0.496	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.17	—	mg/L	—	0.133	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	91.4	—	mg/L	—	3.4	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.123	—	mg/L	—	0.033	Y	—	NQ	2017-142	CAWR-16-126338	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.657	—	mg/L	—	0.33	Y	J	J	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.419	0.596	pCi/L	1.993	—	Y	U	U	2017-166	CAWR-16-126338	ARSL
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.205	—	µg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.274	0.0286	pCi/L	0.156	—	Y	—	NQ	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0166	0.00877	pCi/L	0.0807	—	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.225	0.0249	pCi/L	0.105	—	Y	—	NQ	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.63	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	3	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	SU	—	0.01	Y	H	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	mg/L	—	0.725	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00715	0.00715	pCi/L	0.0453	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2.26	—	µg/L	—	1.7	Y	J	U	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.3	—	µg/L	—	1	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	mg/L	—	0.05	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.11	1.69	pCi/L	4.65	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.76	—	mg/L	—	0.067	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.08	1.59	pCi/L	5.41	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	mg/L	—	0.033	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.00749	0.526	pCi/L	2.21	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.5	0.376	pCi/L	1.18	—	Y	—	NQ	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	46.9	—	µg/L	—	30	Y	J	J	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.29	—	mg/L	—	0.11	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.19	—	µg/L	—	0.165	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.42	3.13	pCi/L	10.9	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	µg/L	—	0.5	Y	U	U	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0966	—	mg/L	—	0.017	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	10.6	—	µg/L	—	3.19	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	5	—	µg/L	—	0.8	Y	U	U	2015-18	CAWR-14-86956	SHEAI
Spring 8A	—	10/01/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.158	—	µg/L	—	0.05	Y	J	J	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00668	0.00739	pCi/L	0.0331	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00223	0.00668	pCi/L	0.0292	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.05	—	mg/L	—	0.05	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	43.3	19.2	pCi/L	48.8	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.9	—	mg/L	—	0.053	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	mg/L	—	0.1	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.691	1.72	pCi/L	5.16	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	µS/cm	—	3.63	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.4	—	µg/L	—	1	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.191	0.0621	pCi/L	0.223	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.93	—	mg/L	—	0.133	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	mg/L	—	3.4	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	mg/L	—	0.033	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.526	—	mg/L	—	0.33	Y	J	J	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.154	—	µg/L	—	0.067	Y	J	J	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.109	0.0171	pCi/L	0.0597	—	Y	—	NQ	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0147	0.00775	pCi/L	0.0418	—	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0545	0.0119	pCi/L	0.0318	—	Y	—	NQ	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.5	—	µg/L	—	1	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	3	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	SU	—	0.01	Y	H	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.4	—	mg/L	—	0.725	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00236	0.00528	pCi/L	0.0322	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	1.88	—	µg/L	—	1.7	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	22.2	—	µg/L	—	1	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	10.1	—	mg/L	—	0.05	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.391	1.4	pCi/L	4.91	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.77	—	mg/L	—	0.067	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.405	1.26	pCi/L	5.12	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.304	—	mg/L	—	0.033	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.52	0.814	pCi/L	2.52	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.44	0.901	pCi/L	2.78	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Iron	Fe	Y	33.2	—	µg/L	—	30	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	3.14	—	mg/L	—	0.11	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.18	—	µg/L	—	0.165	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.31	2.48	pCi/L	9.41	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.612	—	µg/L	—	0.5	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0762	—	mg/L	—	0.017	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.123	—	µg/L	—	0.05	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00513	pCi/L	0.0292	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0128	0.00769	pCi/L	0.0347	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	2.03	—	mg/L	—	0.05	Y	—	NQ	12-1570	CAWR-12-23478	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.694	15.7	pCi/L	66.9	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	85.7	—	mg/L	—	0.053	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	11.9	—	mg/L	—	0.1	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.49	1.47	pCi/L	6.1	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	µS/cm	—	1	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	48.8	—	µg/L	—	1	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.272	0.146	pCi/L	0.476	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.21	—	mg/L	—	0.133	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	mg/L	—	3.4	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	mg/L	—	0.035	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.27	—	mg/L	—	0.33	Y	—	NQ	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.132	—	µg/L	—	0.067	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0894	0.0176	pCi/L	0.043	—	Y	—	NQ	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00605	pCi/L	0.0312	—	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0587	0.0134	pCi/L	0.0293	—	Y	—	NQ	12-1570	CAWR-12-23450	GELC
Spring 8A	—	09/25/2012	WG	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	Y	5.68	—	µg/L	—	1	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/13/2011	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	µg/L	—	0.05	Y	—	NQ	12-95	CAWR-11-28046	GELC
Spring 8A	—	09/25/2007	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	5	—	µg/L	—	1.25	Y	U	U	194658	GU070900GA8S01	GELC
Spring 8A	—	09/25/2007	WG	UF	INIT	REG	SVOC	SW-846:8270C	Nitrosodiethylamine[N-]	55-18-5	N	10	—	µg/L	—	2	Y	U	U	194658	GU070900GA8S01	GELC
Spring 8A	—	09/25/2007	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	-0.0322	0.2898	pCi/L	0.2898	—	Y	—	U	2409	UU070900GA8S01	UMTL
Spring 8A	—	09/19/2006	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	0.4186	0.2898	pCi/L	0.2898	—	Y	—	U	2273	UU060900GA8S01	UMTL
Spring 8A	—	09/29/1994	WG	UF	INIT	REG	LEGACY	LEGACY	Temperature	TEMP	Y	16.7	—	deg C	—	—	N	*	—	29-SEP-94	WG9409292981	NA
Spring 8A	—	04/05/1994	WG	UF	INIT	REG	LEGACY	LEGACY	Temperature	TEMP	Y	10.8	—	deg C	—	—	N	*	—	05-APR-94	9404WGG8AS	NA
Spring 9	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	SU	—	0.01	Y	H	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00517	0.00967	pCi/L	0.035	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.2	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.51	1.79	pCi/L	7.45	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.562	1.54	pCi/L	7.14	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	Y	0.34	—	µg/L	—	0.3	Y	J	J	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.449	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.84	1.04	pCi/L	2.87	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.02	1.03	pCi/L	2.82	—	Y	—	NQ	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	37.5	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.94	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.22	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.09	3.57	pCi/L	13	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.162	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.248	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0229	0.0135	pCi/L	0.0572	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0122	pCi/L	0.0617	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.4	24.5	pCi/L	106	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0391	0.141	pCi/L	0.563	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0406	0.221	pCi/L	—	—	Y	—	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00154	0.17	pCi/L	0.617	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0658	1.1	pCi/L	5.24	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	µS/cm	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.9	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00943	0.111	pCi/L	0.375	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.01	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0645	—	mg/L	—	0.033	Y	J	J+	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.36	—	mg/L	—	0.33	Y	J	J	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.17	—	µg/L	—	0.067	Y	J	J	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.218	0.0243	pCi/L	0.0491	—	Y	—	NQ	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0111	0.00679	pCi/L	0.0364	—	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	0.0181	pCi/L	0.0326	—	Y	—	NQ	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.58	—	µg/L	—	1	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	SU	—	0.01	Y	H	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	SU	—	0.01	Y	H	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00234	0.00619	pCi/L	0.0559	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000137	0.0065	pCi/L	0.0491	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	18.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.608	0.851	pCi/L	2.94	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.848	0.892	pCi/L	3.04	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.95	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.97	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.425	0.956	pCi/L	3.19	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.144	0.991	pCi/L	3.78	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.414	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.411	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.43	0.672	pCi/L	2.97	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0675	0.684	pCi/L	2.78	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.85	0.618	pCi/L	1.94	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.85	0.665	pCi/L	2	—	Y	—	NQ	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.55	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.55	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.14	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.2	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.57	1.59	pCi/L	6.41	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.9	1.77	pCi/L	6.23	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.178	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.181	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.239	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.228	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0149	0.00786	pCi/L	0.0431	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0185	0.00876	pCi/L	0.0458	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000124	0.00703	pCi/L	0.0474	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0158	0.0129	pCi/L	0.0504	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-7.07	11.9	pCi/L	44.9	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.53	12.5	pCi/L	43.3	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.7	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.4	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.192	0.844	pCi/L	3.21	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.391	0.885	pCi/L	3.34	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	µS/cm	—	1	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	µS/cm	—	1	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.6	—	µg/L	—	1	Y	—	J+	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.4	—	µg/L	—	1	Y	—	J+	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0113	0.132	pCi/L	0.472	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0979	0.117	pCi/L	0.476	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0457	—	mg/L	—	0.033	Y	J	J	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.056	—	mg/L	—	0.033	Y	J	J	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.157	—	µg/L	—	0.067	Y	J	J	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.164	—	µg/L	—	0.067	Y	J	J	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.234	0.0287	pCi/L	0.101	—	Y	—	NQ	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.0251	pCi/L	0.0908	—	Y	—	NQ	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.011	0.011	pCi/L	0.0975	—	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0198	0.00934	pCi/L	0.088	—	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.115	0.0207	pCi/L	0.0992	—	Y	—	NQ	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.147	0.0205	pCi/L	0.0896	—	Y	—	NQ	N3B-2019-76	CAWR-19-162107	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	—	10/04/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	7.24	—	µg/L	—	1	Y	—	U	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	N	7.1	—	µg/L	—	1	Y	—	U	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	SU	—	0.01	Y	H	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.3	—	mg/L	—	1.45	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00277	0.00734	pCi/L	0.0486	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.6	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	mg/L	—	0.05	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.31	1.19	pCi/L	4.89	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	mg/L	—	0.067	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.68	1.44	pCi/L	5.45	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.335	—	mg/L	—	0.033	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.02	0.395	pCi/L	2.89	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.48	0.891	pCi/L	2.67	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	37.3	—	mg/L	—	0.453	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.83	—	mg/L	—	0.11	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.08	—	µg/L	—	0.2	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.338	2.34	pCi/L	8.75	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.125	—	mg/L	—	0.017	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00802	0.00694	pCi/L	0.0347	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00401	0.00694	pCi/L	0.045	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.55	—	mg/L	—	0.05	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.38	17.6	pCi/L	75.5	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	mg/L	—	0.053	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	mg/L	—	0.1	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0323	1.54	pCi/L	6.03	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	µS/cm	—	1	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.2	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.14	0.0742	pCi/L	0.349	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.13	—	mg/L	—	0.133	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	15	—	deg C	—	—	Y	—	NQ	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	mg/L	—	3.4	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	mg/L	—	0.033	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.503	—	mg/L	—	0.33	Y	J	J	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.106	—	µg/L	—	0.067	Y	J	J	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.229	0.0241	pCi/L	0.0453	—	Y	—	NQ	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0212	0.0099	pCi/L	0.0482	—	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.139	0.0193	pCi/L	0.0438	—	Y	—	NQ	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.23	—	µg/L	—	1	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.42	—	SU	—	0.01	Y	H	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79	—	mg/L	—	1.45	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00212	0.00766	pCi/L	0.0519	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.7	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.4	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.124	1.08	pCi/L	4.02	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.94	—	mg/L	—	0.067	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.53	1.25	pCi/L	5.4	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	1	—	µg/L	—	0.3	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	mg/L	—	0.033	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.524	0.799	pCi/L	2.99	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.535	0.876	pCi/L	3	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	38.4	—	mg/L	—	0.453	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.03	—	mg/L	—	0.11	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.07	—	µg/L	—	0.3	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.64	1.72	pCi/L	6	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.11	—	mg/L	—	0.017	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.181	—	µg/L	—	0.05	Y	J	J	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0226	0.0109	pCi/L	0.0499	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00251	0.00972	pCi/L	0.0577	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	mg/L	—	0.05	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	44.4	14.2	pCi/L	30.4	—	Y	UI	R	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	mg/L	—	0.053	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	mg/L	—	0.1	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.292	0.541	pCi/L	2.72	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	µS/cm	—	1	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.4	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.405	0.159	pCi/L	0.497	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.05	—	mg/L	—	0.133	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	75.7	—	mg/L	—	3.4	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0636	—	mg/L	—	0.033	Y	J	J	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.447	—	mg/L	—	0.33	Y	J	J	2017-142	CAWR-16-126339	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.167	—	µg/L	—	0.067	Y	J	J	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.327	0.033	pCi/L	0.19	—	Y	—	NQ	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00808	0.00989	pCi/L	0.0983	—	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.0231	pCi/L	0.127	—	Y	—	NQ	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/13/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.92	—	µg/L	—	1	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	SU	—	0.01	Y	H	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	mg/L	—	0.725	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00244	0.00645	pCi/L	0.0394	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.5	—	µg/L	—	1	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	mg/L	—	0.05	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	5.54	1.32	pCi/L	3.75	—	Y	UI	R	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	mg/L	—	0.067	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.508	1.15	pCi/L	4.58	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	1	—	µg/L	—	0.3	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.336	—	mg/L	—	0.033	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.31	0.792	pCi/L	1.73	—	Y	—	NQ	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.01	0.648	pCi/L	1.98	—	Y	—	NQ	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	mg/L	—	0.453	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.11	—	mg/L	—	0.11	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.12	—	µg/L	—	0.165	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.14	2.64	pCi/L	9.65	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0941	—	mg/L	—	0.017	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.218	—	µg/L	—	0.05	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00352	0.0108	pCi/L	0.0407	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0161	0.0112	pCi/L	0.0532	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.57	—	mg/L	—	0.05	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	40.6	17.7	pCi/L	46.5	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	mg/L	—	0.053	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	mg/L	—	0.1	Y	N	J+	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.619	1.33	pCi/L	4.1	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	µS/cm	—	3.63	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.5	—	µg/L	—	1	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.274	0.107	pCi/L	0.46	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	mg/L	—	0.133	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	mg/L	—	3.4	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.19	—	mg/L	—	0.033	Y	—	NQ	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.46	—	mg/L	—	0.33	Y	J	J	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.203	—	µg/L	—	0.067	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.21	0.0342	pCi/L	0.198	—	Y	—	J-	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0138	pCi/L	0.159	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.123	0.0262	pCi/L	0.145	—	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/06/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.87	—	µg/L	—	1	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/01/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	1	—	µg/L	—	0.3	Y	U	U	2015-17	CAWR-14-86957	GELC
Spring 9	—	10/01/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.243	—	µg/L	—	0.05	Y	—	NQ	2015-17	CAWR-14-86984	GELC
Spring 9	—	09/29/1994	WG	UF	INIT	REG	LEGACY	LEGACY	Temperature	TEMP	Y	20.1	—	deg C	—	—	N	—	—	29-SEP-94	WG9409293011	NA
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	SU	—	0.01	Y	H	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	SU	—	0.01	Y	H	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	132	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	133	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00997	pCi/L	0.0302	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00522	0.00826	pCi/L	0.0523	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	100	—	µg/L	—	1	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	98.6	—	µg/L	—	1	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	50.1	—	µg/L	—	15	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	48.7	—	µg/L	—	15	Y	J	J	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	34.3	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	34.2	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.869	1.2	pCi/L	4.74	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.849	0.964	pCi/L	3.89	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.46	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.46	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.202	1.02	pCi/L	4.39	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.381	1.15	pCi/L	4.39	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.03	—	µg/L	—	0.3	Y	—	J	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	Y	1.05	—	µg/L	—	0.3	Y	—	J	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.28	—	µg/L	—	3.28	Y	U	UJ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.33	—	µg/L	—	3.33	Y	U	UJ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.354	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	10.4	1.59	pCi/L	2.69	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	9.44	1.49	pCi/L	2.65	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.99	1.03	pCi/L	2.96	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	7.73	1.08	pCi/L	2.94	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	91.3	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	91.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.39	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.41	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.649	2.02	pCi/L	7.77	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.627	1.95	pCi/L	7.24	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.14	—	mg/L	—	0.085	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.19	—	mg/L	—	0.085	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	RE	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000563	—	µg/L	—	0.00042	Y	HJ	J-	N3B-2020-57	CAWR-20-186484	SwRI
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.28	—	µg/L	—	3.28	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.33	—	µg/L	—	3.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	µg/L	—	0.00036	Y	U	U	N3B-2020-57	CAWR-20-186482	SwRI
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	µg/L	—	0.00036	N	UX	R	N3B-2020-57	CAWR-20-186484	SWRI
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.843	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.797	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00517	0.011	pCi/L	0.0452	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0161	0.0127	pCi/L	0.073	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0439	0.0134	pCi/L	0.0488	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0121	0.0184	pCi/L	0.0708	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.81	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.78	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.8	19.4	pCi/L	82.4	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-35.2	13.6	pCi/L	46.2	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.357	0.126	pCi/L	0.329	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.697	0.183	pCi/L	0.405	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.357	0.192	pCi/L	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.03	0.249	pCi/L	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0985	0.145	pCi/L	0.574	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.33	0.169	pCi/L	0.544	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	27.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	27.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	29.2	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	29.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.257	0.995	pCi/L	4.31	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.014	0.959	pCi/L	3.89	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	298	—	µS/cm	—	1	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	299	—	µS/cm	—	1	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	765	—	µg/L	—	1	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	763	—	µg/L	—	1	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0547	0.111	pCi/L	0.372	—	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.147	0.13	pCi/L	0.443	—	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	deg C	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	deg C	—	—	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-48	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-48	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	mg/L	—	3.4	Y	—	J	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	mg/L	—	3.4	Y	—	J	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.338	—	mg/L	—	0.33	Y	J	J	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.086	0.857	pCi/L	2.916	—	Y	U	U	N3B-2020-89	CAWR-20-186482	ARSL
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.183	0.75	pCi/L	2.559	—	Y	U	U	N3B-2020-89	CAWR-20-186484	ARSL

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	9.11	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	9.09	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.11	0.105	pCi/L	0.0469	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.31	0.118	pCi/L	0.0575	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.201	0.0243	pCi/L	0.0347	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.175	0.0247	pCi/L	0.041	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.96	0.0805	pCi/L	0.0311	—	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.24	0.0923	pCi/L	0.0674	—	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.05	—	µg/L	—	1	Y	J	J	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.73	—	µg/L	—	1	Y	J	J	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	SU	—	0.01	Y	H	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	136	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0171	0.00734	pCi/L	0.0584	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	92.5	—	µg/L	—	1	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	51.2	—	µg/L	—	15	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.9	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.08	1.18	pCi/L	3.97	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.72	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.4	1.15	pCi/L	4.89	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.23	—	µg/L	—	3.23	Y	U	UJ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.283	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.33	1.55	pCi/L	2.74	—	Y	—	NQ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.967	0.602	pCi/L	1.93	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	89.1	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.67	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.22	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.75	2.11	pCi/L	7.86	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.14	—	mg/L	—	0.085	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.23	—	µg/L	—	3.23	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.846	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0069	0.0069	pCi/L	0.0399	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0046	0.00976	pCi/L	0.0439	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.63	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.57	17.2	pCi/L	57.2	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	25.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	28.8	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.16	1.24	pCi/L	4.32	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	323	—	µS/cm	—	1	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	704	—	µg/L	—	1	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0847	0.111	pCi/L	0.374	—	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15.1	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.472	—	mg/L	—	0.33	Y	J	J	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.193	0.975	pCi/L	3.176	—	Y	U	U	N3B-2019-125	CAWR-19-162030	ARSL
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	8.4	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.66	0.0978	pCi/L	0.069	—	Y	—	NQ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.191	0.0228	pCi/L	0.0669	—	Y	—	NQ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.87	0.0769	pCi/L	0.0682	—	Y	—	NQ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.4	—	µg/L	—	1	Y	J	J	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	SU	—	0.01	Y	H	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	132	—	mg/L	—	1.45	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00802	0.00481	pCi/L	0.0281	—	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	94.2	—	µg/L	—	1	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	46.7	—	µg/L	—	15	Y	J	J	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	35.6	—	mg/L	—	0.05	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.69	1.49	pCi/L	5.99	—	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.36	—	mg/L	—	0.067	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.37	1.71	pCi/L	8.21	—	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	µg/L	—	0.3	Y	U	U	2018-195	CAWR-18-147696	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.16	—	µg/L	—	3.16	Y	U	U	2018-195	CAWR-18-147696	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	mg/L	—	0.033	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.13	1.73	pCi/L	2.88	—	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.46	0.842	pCi/L	2.22	—	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	94.6	—	mg/L	—	0.453	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.41	—	mg/L	—	0.11	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.26	—	µg/L	—	0.2	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.06	2.25	pCi/L	8.17	—	Y	U	U	2018-195	CAWR-18-147344	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.22	—	mg/L	—	0.085	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.16	—	µg/L	—	3.16	Y	U	U	2018-195	CAWR-18-147696	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.891	—	µg/L	—	0.05	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00458	0.00793	pCi/L	0.0397	—	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00915	0.0102	pCi/L	0.0514	—	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.69	—	mg/L	—	0.05	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.9	20.1	pCi/L	75.7	—	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	26.8	—	mg/L	—	0.053	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	29.5	—	mg/L	—	0.1	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.36	1.37	pCi/L	4.79	—	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	345	—	µS/cm	—	1	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	715	—	µg/L	—	1	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.115	0.151	pCi/L	0.522	—	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15	—	mg/L	—	0.133	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-195	CAWR-18-147696	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	mg/L	—	3.4	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.78	—	mg/L	—	0.33	Y	J	J	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.212	0.879	pCi/L	2.842	—	Y	U*	U	2018-217	CAWR-18-147344	ARSL
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	8.97	—	µg/L	—	0.067	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.41	0.172	pCi/L	0.102	—	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.28	0.0453	pCi/L	0.109	—	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.7	0.142	pCi/L	0.0989	—	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/04/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.27	—	µg/L	—	1	Y	J	J	2018-195	CAWR-18-147342	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	SU	—	0.01	Y	H	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	SU	—	0.01	Y	H	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.015	0.00789	pCi/L	0.0503	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0135	0.00791	pCi/L	0.034	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.069	—	mg/L	—	0.017	Y	—	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0673	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	4.07	—	µg/L	—	2	Y	J	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	4.02	—	µg/L	—	2	Y	J	J	N3B-2020-575	CALA-20-191389	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43	—	µg/L	—	1	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	43.5	—	µg/L	—	1	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.7	—	µg/L	—	15	Y	J	J	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	µg/L	—	15	Y	J	J	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.196	—	mg/L	—	0.067	Y	J	J	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.183	—	mg/L	—	0.067	Y	J	J	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.1	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.9	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0794	2.2	pCi/L	6.26	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.32	1.5	pCi/L	4.76	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.2	—	mg/L	—	0.134	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.4	—	mg/L	—	0.134	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	—	µg/L	—	3	Y	U	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.96	—	µg/L	—	3	Y	J	J	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.48	1.81	pCi/L	6.17	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.19	1.25	pCi/L	4.67	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.493	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.486	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	3.18	1.11	pCi/L	2.77	—	Y	—	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.315	0.415	pCi/L	2.16	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	5.22	0.769	pCi/L	1.99	—	Y	—	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.73	0.734	pCi/L	2.28	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	102	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	105	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.81	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.01	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.28	—	µg/L	—	0.2	Y	—	J+	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.21	—	µg/L	—	0.2	Y	—	J+	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.07	4.25	pCi/L	14.5	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.7	2.97	pCi/L	11	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.59	—	mg/L	—	0.17	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.49	—	mg/L	—	0.17	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	5.65	—	µg/L	—	0.25	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	5.48	—	µg/L	—	0.25	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	4.7	—	ng/L	—	0.595	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	4.27	—	ng/L	—	0.593	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	16.5	—	ng/L	—	0.721	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	14.5	—	ng/L	—	0.719	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	4.77	—	ng/L	—	0.721	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	4.29	—	ng/L	—	0.719	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00253	0.00911	pCi/L	0.0492	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00227	0.00754	pCi/L	0.0442	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000000000842	0.00619	pCi/L	0.0394	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0136	0.00718	pCi/L	0.0354	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.47	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	4.63	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.0103	30.9	pCi/L	124	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-3.45	19.6	pCi/L	70.8	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.256	0.2	pCi/L	0.69	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.352	0.141	pCi/L	0.374	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.935	0.319	pCi/L	—	—	Y	—	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.352	0.278	pCi/L	—	—	Y	—	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.679	0.249	pCi/L	0.77	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.266	0.24	pCi/L	0.912	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.4	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.3	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	15.5	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	4.89	2.18	pCi/L	10.7	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.28	1.2	pCi/L	5.3	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283	—	µS/cm	—	1	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	284	—	µS/cm	—	1	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	137	—	µg/L	—	1	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	139	—	µg/L	—	1	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0714	0.144	pCi/L	0.491	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.164	0.141	pCi/L	0.475	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	21.1	—	mg/L	—	0.266	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	21.1	—	mg/L	—	0.266	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0685	—	mg/L	—	0.033	Y	J	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0406	—	mg/L	—	0.033	Y	J	J	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.453	—	mg/L	—	0.33	Y	J	J	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.447	—	mg/L	—	0.33	Y	J	J	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	25.97	—	ng/L	—	1.8	Y	J	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	23.06	—	ng/L	—	1.8	Y	J	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.185	—	mg/L	—	0.02	Y	—	U	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.211	—	mg/L	—	0.02	Y	—	J+	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	43.71	6.727	pCi/L	3.141	—	Y	—	NQ	N3B-2020-587	CALA-20-190760	ARSL
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	56.888	8.685	pCi/L	3.077	—	Y	—	NQ	N3B-2020-587	CALA-20-191390	ARSL
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.08	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	2.1	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.09	0.0653	pCi/L	0.0781	—	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.31	0.0588	pCi/L	0.0605	—	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0492	0.0166	pCi/L	0.0596	—	Y	U	U	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0384	0.0136	pCi/L	0.0457	—	Y	U	U	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.646	0.05	pCi/L	0.0807	—	Y	—	NQ	N3B-2020-575	CALA-20-190760	GELC
Vine Tree Spring	—	12/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.713	0.0436	pCi/L	0.0625	—	Y	—	NQ	N3B-2020-575	CALA-20-191390	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.82	—	µg/L	—	1	Y	—	NQ	N3B-2020-575	CALA-20-190759	GELC
Vine Tree Spring	—	12/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.93	—	µg/L	—	1	Y	—	NQ	N3B-2020-575	CALA-20-191389	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	SU	—	0.01	Y	H	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.7	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00756	0.0121	pCi/L	0.0366	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0488	—	mg/L	—	0.017	Y	J	J	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	6.24	—	µg/L	—	2	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	45.1	—	µg/L	—	1	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.7	—	µg/L	—	15	Y	J	J	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	mg/L	—	0.067	Y	J	J	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.44	0.988	pCi/L	3.94	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	32.4	—	mg/L	—	0.335	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	µg/L	—	3	Y	U	U	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.524	0.946	pCi/L	3.92	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.563	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.307	0.687	pCi/L	2.92	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.29	0.962	pCi/L	2.56	—	Y	—	NQ	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	87.6	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.73	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.16	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.05	1.83	pCi/L	6.26	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.67	—	mg/L	—	0.085	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	3.41	—	µg/L	—	0.1	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00247	0.0119	pCi/L	0.0437	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0135	pCi/L	0.0478	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.11	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.3	14.6	pCi/L	48.6	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.8	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	22.9	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.605	0.954	pCi/L	3.54	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	337	—	µS/cm	—	1	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	122	—	µg/L	—	1	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0789	0.14	pCi/L	0.494	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.7	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	mg/L	—	3.4	Y	—	J+	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.576	—	mg/L	—	0.033	Y	—	J+	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.9	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.539	—	mg/L	—	0.02	Y	—	J+	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	45.54	6.979	pCi/L	2.781	—	Y	*	NQ	N3B-2019-2250	CALA-19-181475	ARSL
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.712	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.472	0.0497	pCi/L	0.104	—	Y	—	NQ	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0179	0.0144	pCi/L	0.0878	—	Y	U	U	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.194	0.0323	pCi/L	0.083	—	Y	—	NQ	N3B-2019-2172	CALA-19-181475	GELC
Vine Tree Spring	—	06/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.07	—	µg/L	—	1	Y	—	NQ	N3B-2019-2172	CALA-19-181474	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	SU	—	0.01	Y	H	NQ	N3B-2019-663	CALA-19-164752	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	SU	—	0.01	Y	H	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00816	0.005	pCi/L	0.0487	—	Y	U	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0157	0.00808	pCi/L	0.0535	—	Y	U	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.117	—	mg/L	—	0.017	Y	—	U	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	mg/L	—	0.017	Y	U	U	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	4.37	—	µg/L	—	2	Y	J	J	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.51	—	µg/L	—	2	Y	J	J	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	41.8	—	µg/L	—	1	Y	—	J+	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.8	—	µg/L	—	1	Y	—	J+	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.183	—	mg/L	—	0.067	Y	J	J	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.166	—	mg/L	—	0.067	Y	J	J	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	27.6	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.359	0.916	pCi/L	3.19	—	Y	U	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.00807	0.858	pCi/L	3.12	—	Y	U	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	15.8	—	mg/L	—	0.134	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16	—	mg/L	—	0.134	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	µg/L	—	3	Y	U	U	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	µg/L	—	3	Y	U	U	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.14	0.902	pCi/L	1.83	—	Y	U	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.00513	0.832	pCi/L	3.24	—	Y	U	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.588	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.549	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	12.3	1.68	pCi/L	2.96	—	Y	—	NQ	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.82	1.19	pCi/L	2.9	—	Y	—	NQ	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	9.04	0.612	pCi/L	1.65	—	Y	—	NQ	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.21	0.322	pCi/L	0.772	—	Y	—	NQ	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	104	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	100	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.84	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.62	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.22	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.12	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.981	1.83	pCi/L	6.77	—	Y	U	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.18	1.56	pCi/L	5.97	—	Y	U	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.47	—	mg/L	—	0.17	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.55	—	mg/L	—	0.17	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	6.68	—	µg/L	—	0.5	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	6.47	—	µg/L	—	0.5	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0102	0.00614	pCi/L	0.0355	—	Y	U	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0082	0.0082	pCi/L	0.0355	—	Y	U	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00818	0.00708	pCi/L	0.039	—	Y	U	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0082	0.0087	pCi/L	0.0391	—	Y	U	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.73	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.68	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	3.19	16.8	pCi/L	37	—	Y	U	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	36.1	13.8	pCi/L	34.8	—	Y	—	NQ	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	37.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.2	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.65	0.906	pCi/L	2.07	—	Y	U	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.387	0.94	pCi/L	3.7	—	Y	U	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	304	—	µS/cm	—	1	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	301	—	µS/cm	—	1	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	138	—	µg/L	—	1	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	134	—	µg/L	—	1	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0403	0.126	pCi/L	0.478	—	Y	U	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.286	0.115	pCi/L	0.494	—	Y	U	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	20.9	—	mg/L	—	0.266	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	21	—	mg/L	—	0.266	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0968	—	mg/L	—	0.033	Y	J	U	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.094	—	mg/L	—	0.033	Y	J	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.686	—	mg/L	—	0.33	Y	J	J	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.637	—	mg/L	—	0.33	Y	J	J	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0947	—	mg/L	—	0.02	Y	—	U	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0822	—	mg/L	—	0.02	Y	—	U	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	52.246	7.985	pCi/L	2.931	—	Y	—	NQ	N3B-2019-701	CALA-19-164753	ARSL
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	62.684	9.539	pCi/L	2.866	—	Y	—	NQ	N3B-2019-701	CALA-19-164757	ARSL
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	2.21	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.21	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.36	0.0551	pCi/L	0.0744	—	Y	—	NQ	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.41	0.0551	pCi/L	0.0715	—	Y	—	NQ	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0893	0.0173	pCi/L	0.0721	—	Y	—	NQ	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.065	0.0135	pCi/L	0.0693	—	Y	U	U	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.9	0.045	pCi/L	0.0734	—	Y	—	NQ	N3B-2019-663	CALA-19-164753	GELC
Vine Tree Spring	—	12/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.821	0.0419	pCi/L	0.0705	—	Y	—	NQ	N3B-2019-663	CALA-19-164757	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.8	—	µg/L	—	1	Y	—	NQ	N3B-2019-663	CALA-19-164752	GELC
Vine Tree Spring	—	12/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.58	—	µg/L	—	1	Y	—	NQ	N3B-2019-663	CALA-19-164756	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	SU	—	0.01	Y	H	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.099	—	mg/L	—	0.017	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.6	—	µg/L	—	2	Y	J	J	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.3	—	µg/L	—	1	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.5	—	µg/L	—	15	Y	J	J	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.154	—	mg/L	—	0.067	Y	J	J	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	29.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.7	—	mg/L	—	0.134	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	µg/L	—	3	Y	U	U	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.533	—	mg/L	—	0.066	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	108	—	mg/L	—	0.453	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.29	—	mg/L	—	0.11	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.2	—	µg/L	—	0.2	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.86	—	mg/L	—	0.17	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	6.1	—	µg/L	—	0.25	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.19	—	mg/L	—	0.05	Y	—	J+	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.3	—	mg/L	—	0.1	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	303	—	µS/cm	—	1	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	143	—	µg/L	—	1	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	21.8	—	mg/L	—	0.266	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2018-2741	CALA-18-180	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	mg/L	—	3.4	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.272	—	mg/L	—	0.033	Y	—	NQ	N3B-2018-2741	CALA-18-180	GELC
Vine Tree Spring	—	06/19/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.11	—	mg/L	—	0.66	Y	J	J	N3B-2018-2741	CALA-18-180	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0924	—	mg/L	—	0.02	Y	—	U	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.16	—	µg/L	—	0.067	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	06/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.9	—	µg/L	—	1	Y	—	NQ	N3B-2018-2741	CALA-18-58	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	SU	—	0.01	Y	H	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	mg/L	—	1.45	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00391	0.00391	pCi/L	0.0319	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0413	—	mg/L	—	0.017	Y	J	J	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.99	—	µg/L	—	2	Y	J	J	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.2	—	µg/L	—	1	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19	—	µg/L	—	15	Y	J	J	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.161	—	mg/L	—	0.067	Y	J	J	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	31	—	mg/L	—	0.05	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.557	1.25	pCi/L	4.63	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.9	—	mg/L	—	0.067	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	µg/L	—	3	Y	U	U	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.09	1.31	pCi/L	5.64	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.422	—	mg/L	—	0.033	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.39	0.997	pCi/L	2.97	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.37	0.413	pCi/L	1.16	—	Y	—	NQ	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	113	—	mg/L	—	0.453	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.59	—	mg/L	—	0.11	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.24	—	µg/L	—	0.2	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.11	2.7	pCi/L	9.89	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.57	—	mg/L	—	0.085	Y	—	NQ	2018-1260	CALA-18-148967	GELC

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Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	5.99	—	µg/L	—	0.25	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0375	0.0177	pCi/L	0.126	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00624	0.0187	pCi/L	0.135	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.12	—	mg/L	—	0.05	Y	E	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.98	21	pCi/L	39.8	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42	—	mg/L	—	0.053	Y	N	J-	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.1	—	mg/L	—	0.1	Y	N	J-	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0502	1.19	pCi/L	4.65	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	317	—	µS/cm	—	1	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	145	—	µg/L	—	1	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0438	0.101	pCi/L	0.398	—	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	21.6	—	mg/L	—	0.266	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	253	—	mg/L	—	3.4	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	mg/L	—	0.033	Y	U	U	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.452	—	mg/L	—	0.33	Y	J	J	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.109	—	mg/L	—	0.02	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	59.276	9.041	pCi/L	3.032	—	Y	—	J-	2018-1276	CALA-18-148968	ARSL
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.06	—	µg/L	—	0.067	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.37	0.0606	pCi/L	0.136	—	Y	—	NQ	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.117	0.0221	pCi/L	0.0636	—	Y	—	NQ	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.721	0.0443	pCi/L	0.0672	—	Y	—	NQ	2018-1260	CALA-18-148968	GELC
Vine Tree Spring	—	12/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.87	—	µg/L	—	1	Y	—	NQ	2018-1260	CALA-18-148967	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00877	0.00464	pCi/L	0.0292	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00772	0.00473	pCi/L	0.0321	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.99	0.957	pCi/L	2.43	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.449	0.806	pCi/L	2.8	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.21	0.906	pCi/L	3.36	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.12	0.81	pCi/L	3.52	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.23	0.87	pCi/L	2.94	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.25	1.04	pCi/L	2.88	—	Y	—	NQ	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.38	1.03	pCi/L	2.84	—	Y	—	NQ	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.36	0.958	pCi/L	2.72	—	Y	—	NQ	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.741	1.62	pCi/L	5.68	—	Y	U	U	2017-1749	CALA-17-139172	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.41	1.61	pCi/L	6.04	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00846	0.00518	pCi/L	0.0362	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00559	0.00559	pCi/L	0.0318	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00846	0.00669	pCi/L	0.0383	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00559	0.00893	pCi/L	0.0337	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.7	21.6	pCi/L	30.9	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-14.5	13.6	pCi/L	48.4	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.244	0.595	pCi/L	2.47	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.204	0.822	pCi/L	3.26	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.189	0.117	pCi/L	0.494	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.165	0.117	pCi/L	0.386	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	62.922	10.021	pCi/L	8.012	—	Y	—	NQ	2017-1763	CALA-17-139172	ARSL
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	47.122	7.194	pCi/L	2.404	—	Y	—	NQ	2017-1763	CALA-17-139175	ARSL
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.06	0.0505	pCi/L	0.0575	—	Y	—	NQ	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.11	0.0604	pCi/L	0.0757	—	Y	—	NQ	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0323	0.0114	pCi/L	0.056	—	Y	U	U	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.058	0.0169	pCi/L	0.0737	—	Y	U	U	2017-1749	CALA-17-139175	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.62	0.0387	pCi/L	0.0594	—	Y	—	NQ	2017-1749	CALA-17-139172	GELC
Vine Tree Spring	—	06/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.767	0.0496	pCi/L	0.0783	—	Y	—	NQ	2017-1749	CALA-17-139175	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	SU	—	0.01	Y	H	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.2	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	131	—	µg/L	—	68	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00424	0.00424	pCi/L	0.0425	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0411	—	mg/L	—	0.017	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.14	—	µg/L	—	2	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	258	—	µg/L	—	1	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.6	—	µg/L	—	15	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.108	—	mg/L	—	0.067	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	37.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.358	1.43	pCi/L	5.06	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	206	—	mg/L	—	3.35	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.733	0.999	pCi/L	4.52	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.198	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.87	1.12	pCi/L	2.83	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.9	1.31	pCi/L	3.34	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	142	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	73.7	—	µg/L	—	30	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.7	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.44	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.23	2.48	pCi/L	8.58	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.18	—	µg/L	—	0.6	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.69	—	mg/L	—	0.085	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	0.993	—	ng/L	—	0.582	Y	J	J	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	2.88	—	ng/L	—	0.706	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	1.14	—	ng/L	—	0.706	Y	J	J	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0059	0.00722	pCi/L	0.0535	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00295	0.0078	pCi/L	0.0519	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	7.41	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.7	16.2	pCi/L	61.5	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.647	0.172	pCi/L	0.309	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.986	0.258	pCi/L	—	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.339	0.193	pCi/L	0.634	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	109	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.254	1.42	pCi/L	5.63	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	973	—	µS/cm	—	1	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	281	—	µg/L	—	1	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.253	0.144	pCi/L	0.471	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	27.4	—	mg/L	—	6.65	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	123	—	µg/L	—	2.5	Y	N*	J+	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	540	—	mg/L	—	3.4	Y	—	J+	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.352	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.86	—	mg/L	—	0.33	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	5.013	—	ng/L	—	1.77	Y	J	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.344	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.258	0.0287	pCi/L	0.0585	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00988	0.0119	pCi/L	0.0416	—	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.0228	pCi/L	0.0685	—	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	10/31/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.95	—	µg/L	—	3.3	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.14	—	SU	—	0.01	Y	H	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.11	—	SU	—	0.01	Y	H	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.7	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.5	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	µg/L	—	68	Y	U	U	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	µg/L	—	68	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0208	0.0244	pCi/L	0.0723	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00861	0.0125	pCi/L	0.0697	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.044	—	mg/L	—	0.017	Y	J	U	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0731	—	mg/L	—	0.017	Y	—	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.32	—	µg/L	—	2	Y	J	J	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.43	—	µg/L	—	2	Y	J	J	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	1140	—	µg/L	—	1	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	1120	—	µg/L	—	1	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	31.9	—	µg/L	—	15	Y	J	J	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	30.8	—	µg/L	—	15	Y	J	J	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.36	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.35	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	190	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	185	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.16	0.925	pCi/L	3.78	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.778	0.708	pCi/L	2.38	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	847	—	mg/L	—	13.4	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	849	—	mg/L	—	13.4	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.262	1.06	pCi/L	3.89	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.42	0.998	pCi/L	3.26	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.178	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	7.38	1.79	pCi/L	4.48	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.21	1.55	pCi/L	5.19	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	13.4	1.81	pCi/L	5.25	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	13.3	1.94	pCi/L	5.89	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	710	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	695	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	µg/L	—	30	Y	U	U	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	µg/L	—	30	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	56.9	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	56.4	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.783	—	µg/L	—	0.2	Y	J	J	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.746	—	µg/L	—	0.2	Y	J	J	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.31	2.02	pCi/L	7.42	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.8	2.37	pCi/L	7.04	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.771	—	µg/L	—	0.6	Y	J	J	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	µg/L	—	0.6	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	10.9	—	mg/L	—	0.85	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	9.7	—	mg/L	—	0.85	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.543	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.534	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00907	0.01	pCi/L	0.0853	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0147	0.00851	pCi/L	0.0693	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00605	0.0135	pCi/L	0.0786	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00737	0.00886	pCi/L	0.0638	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	14	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	14.1	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.86	15.8	pCi/L	28.3	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	13.2	17.3	pCi/L	34.8	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.4	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	29	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	274	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	269	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.967	0.991	pCi/L	3.37	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.09	1.12	pCi/L	4.67	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	2930	—	µS/cm	—	1	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	2900	—	µS/cm	—	1	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	1360	—	µg/L	—	1	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	1350	—	µg/L	—	1	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.28	0.124	pCi/L	0.535	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.131	0.154	pCi/L	0.536	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	41.4	—	mg/L	—	0.665	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	39.8	—	mg/L	—	0.665	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	µg/L	—	2.5	Y	U	U	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	µg/L	—	2.5	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	2050	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	2180	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.193	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.164	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.93	—	mg/L	—	0.33	Y	J	J	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.928	—	mg/L	—	0.33	Y	J	J	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.491	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.487	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.288	0.031	pCi/L	0.0841	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.308	0.0265	pCi/L	0.065	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00955	0.00842	pCi/L	0.0611	—	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0197	0.0104	pCi/L	0.0472	—	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.126	0.0214	pCi/L	0.0616	—	Y	—	J	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.147	0.0197	pCi/L	0.0476	—	Y	—	NQ	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	µg/L	—	3.3	Y	U	U	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	µg/L	—	3.3	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7	—	SU	—	0.01	Y	H	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	84.9	—	µg/L	—	68	Y	J	J	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0117	0.00908	pCi/L	0.056	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	mg/L	—	0.017	Y	U	U	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	µg/L	—	2	Y	U	U	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	457	—	µg/L	—	1	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.3	—	µg/L	—	15	Y	J	J	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.335	—	mg/L	—	0.335	Y	U	U	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	74.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.41	1.12	pCi/L	3.3	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	281	—	mg/L	—	3.35	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.355	0.925	pCi/L	3.62	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.1	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.36	1.01	pCi/L	3.06	—	Y	—	NQ	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	10.8	0.879	pCi/L	2.48	—	Y	—	NQ	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	287	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	50.7	—	µg/L	—	30	Y	J	J	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	24.6	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.44	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.737	1.83	pCi/L	6.5	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.89	—	µg/L	—	0.6	Y	J	J	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.54	—	mg/L	—	0.17	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.251	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0000000011	0.00809	pCi/L	0.0572	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0165	0.0171	pCi/L	0.0629	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	10.3	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.91	21.3	pCi/L	28.5	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	98.4	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.23	0.853	pCi/L	3.63	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1140	—	µS/cm	—	1	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	538	—	µg/L	—	1	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00667	0.137	pCi/L	0.486	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	21.2	—	mg/L	—	0.665	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	6.77	—	µg/L	—	2.5	Y	J	J	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	646	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0436	—	mg/L	—	0.033	Y	J	J	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.814	—	mg/L	—	0.33	Y	J	J	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.227	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.169	0.025	pCi/L	0.102	—	Y	—	NQ	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0186	0.00983	pCi/L	0.099	—	Y	U	U	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	0.0192	pCi/L	0.101	—	Y	—	NQ	N3B-2019-272	CAPA-19-163688	GELC
18-MW-18	12.5	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	µg/L	—	3.3	Y	U	U	N3B-2019-272	CAPA-19-163687	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.04	—	SU	—	0.01	Y	H	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.4	—	mg/L	—	1.45	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	µg/L	—	68	Y	U	U	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00258	0.00576	pCi/L	0.0482	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	mg/L	—	0.017	Y	U	U	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.49	—	µg/L	—	2	Y	J	J	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	673	—	µg/L	—	1	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.801	—	mg/L	—	0.067	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	94.1	—	mg/L	—	0.05	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.44	1.37	pCi/L	4.17	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	399	—	mg/L	—	6.7	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.366	1.3	pCi/L	4.7	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.114	—	mg/L	—	0.033	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.07	1.6	pCi/L	5.37	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11	1.15	pCi/L	3.35	—	Y	—	NQ	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	352	—	mg/L	—	0.453	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	µg/L	—	30	Y	U	U	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	28.3	—	mg/L	—	0.11	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.05	—	µg/L	—	0.2	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.01	2.18	pCi/L	8.46	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.74	—	µg/L	—	0.6	Y	J	J	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.33	—	mg/L	—	0.085	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.262	—	µg/L	—	0.05	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0108	pCi/L	0.115	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0108	0.0132	pCi/L	0.124	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	10.9	—	mg/L	—	0.05	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.4	17.3	pCi/L	46.5	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	36.3	—	mg/L	—	0.053	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	153	—	mg/L	—	0.1	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.63	1	pCi/L	3.26	—	Y	U	U	2018-2400	CAPA-18-152855	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1630	—	µS/cm	—	1	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	721	—	µg/L	—	1	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0133	0.0444	pCi/L	0.154	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.82	—	mg/L	—	0.266	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	µg/L	—	2.5	Y	U	U	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	1010	—	mg/L	—	3.4	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.127	—	mg/L	—	0.033	Y	—	NQ	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.09	—	mg/L	—	0.33	Y	—	NQ	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.527	—	µg/L	—	0.067	Y	—	NQ	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.457	0.0602	pCi/L	0.238	—	Y	—	NQ	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0321	0.0215	pCi/L	0.115	—	Y	U	U	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.178	0.0384	pCi/L	0.147	—	Y	—	J	2018-2400	CAPA-18-152855	GELC
18-MW-18	12.5	04/11/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.49	—	µg/L	—	3.3	Y	J	J	2018-2400	CAPA-18-152854	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.25	—	SU	—	0.01	Y	H	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	126	—	mg/L	—	1.45	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	68.2	—	µg/L	—	68	Y	J	J	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00484	0.0128	pCi/L	0.121	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.106	—	mg/L	—	0.017	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	2	Y	U	U	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	847	—	µg/L	—	1	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.2	—	µg/L	—	15	Y	J	J	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	mg/L	—	0.067	Y	J	J	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	128	—	mg/L	—	0.05	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	1.34	pCi/L	4.88	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	539	—	mg/L	—	6.7	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.06	1.01	pCi/L	3.64	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	mg/L	—	0.033	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.118	2.5	pCi/L	8.85	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	16.3	1.69	pCi/L	4.91	—	Y	—	NQ	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	468	—	mg/L	—	0.453	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	63.1	—	µg/L	—	30	Y	J	J	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	36.4	—	mg/L	—	0.11	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.7	—	µg/L	—	0.2	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.14	2.49	pCi/L	8.03	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	2.43	—	µg/L	—	0.6	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.71	—	mg/L	—	0.17	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.217	—	µg/L	—	0.05	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0055	0.014	pCi/L	0.0498	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0123	pCi/L	0.0543	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	12.1	—	mg/L	—	0.05	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.33	17.6	pCi/L	67.4	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.1	—	mg/L	—	0.053	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	199	—	mg/L	—	0.1	Y	—	J+	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.453	0.887	pCi/L	3.53	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	2620	—	µS/cm	—	1	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	938	—	µg/L	—	1	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0571	0.0917	pCi/L	0.337	—	Y	U	U	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	59.2	—	mg/L	—	13.3	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.26	—	µg/L	—	2.5	Y	J	J	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	1470	—	mg/L	—	3.4	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.135	—	mg/L	—	0.033	Y	—	NQ	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.34	—	mg/L	—	0.33	Y	—	NQ	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	3.49	—	µg/L	—	0.067	Y	—	NQ	2017-1331	CAPA-17-130543	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.61	0.0741	pCi/L	0.0599	—	Y	—	NQ	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.107	0.0173	pCi/L	0.0495	—	Y	—	NQ	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.41	0.0545	pCi/L	0.0487	—	Y	—	NQ	2017-1331	CAPA-17-130552	GELC
18-MW-18	12.5	04/06/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10	—	µg/L	—	3.3	Y	U	U	2017-1331	CAPA-17-130543	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	SU	—	0.01	Y	H	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.1	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	123	—	µg/L	—	68	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0306	0.0573	pCi/L	0.223	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0348	—	mg/L	—	0.017	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.55	—	µg/L	—	2	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	96.3	—	µg/L	—	1	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.1	—	µg/L	—	15	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	33.4	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.704	0.976	pCi/L	3.25	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	103	—	mg/L	—	1.34	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.154	0.746	pCi/L	2.83	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.756	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.594	0.604	pCi/L	2.89	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	59.8	1.97	pCi/L	2.99	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	94.8	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	63	—	µg/L	—	30	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.8	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	6.83	—	µg/L	—	2	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	25.4	—	µg/L	—	0.2	Y	E	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0953	1.86	pCi/L	6.68	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.687	—	µg/L	—	0.6	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0418	—	mg/L	—	0.017	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	6.05	—	µg/L	—	0.25	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0667	0.0667	pCi/L	0.393	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.178	0.0832	pCi/L	0.43	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	10.6	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.7	19.1	pCi/L	29.4	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	35.4	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	60.7	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.456	0.914	pCi/L	3.04	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	555	—	µS/cm	—	1	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	123	—	µg/L	—	1	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	27.5	0.666	pCi/L	0.371	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.97	—	µg/L	—	2.5	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	326	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	4.08	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	49.151	7.526	pCi/L	2.924	—	Y	—	NQ	N3B-2019-2777	CAMO-19-182774	ARSL
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.137	—	µg/L	—	0.067	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0102	0.0704	pCi/L	0.373	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0569	0.0569	pCi/L	0.312	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0461	0.0509	pCi/L	0.297	—	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.97	—	SU	—	0.01	Y	H	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.97	—	SU	—	0.01	Y	H	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	135	—	mg/L	—	1.45	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	134	—	mg/L	—	1.45	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	332	—	µg/L	—	68	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	Y	458	—	µg/L	—	68	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.0986	0.0155	pCi/L	0.0231	—	Y	—	NQ	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.105	0.0173	pCi/L	0.024	—	Y	—	NQ	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0966	—	mg/L	—	0.017	Y	—	U	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0459	—	mg/L	—	0.017	Y	J	U	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.7	Y	U	U	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.7	Y	U	U	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	83.3	—	µg/L	—	1	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	83.4	—	µg/L	—	1	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	55.8	—	µg/L	—	15	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	55.5	—	µg/L	—	15	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	29.4	—	mg/L	—	0.05	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	29.1	—	mg/L	—	0.05	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.441	2.34	pCi/L	5.55	—	Y	U	U	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0536	1.83	pCi/L	6.81	—	Y	U	U	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	49.8	—	mg/L	—	0.67	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	50.3	—	mg/L	—	0.67	Y	—	NQ	2016-1833	CAMO-16-124282	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.158	1.36	pCi/L	5.2	—	Y	U	U	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.08	2.67	pCi/L	6.82	—	Y	U	U	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.669	—	mg/L	—	0.033	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.674	—	mg/L	—	0.033	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.3	0.75	pCi/L	2.04	—	Y	U	U	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.77	0.71	pCi/L	2.24	—	Y	U	U	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	63.1	1.01	pCi/L	1.63	—	Y	—	NQ	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	70.5	1.01	pCi/L	1.17	—	Y	—	NQ	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.6	—	mg/L	—	0.453	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.7	—	mg/L	—	0.453	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	170	—	µg/L	—	30	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	208	—	µg/L	—	30	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.46	—	mg/L	—	0.11	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.43	—	mg/L	—	0.11	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	10	—	µg/L	—	2	Y	U	U	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	10	—	µg/L	—	2	Y	U	U	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	25.5	—	µg/L	—	0.165	Y	—	J	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	25.8	—	µg/L	—	0.165	Y	—	J	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.275	2.7	pCi/L	9.43	—	Y	U	U	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.62	3.25	pCi/L	12.2	—	Y	U	U	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.528	—	µg/L	—	0.5	Y	J	J	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	0.686	—	µg/L	—	0.5	Y	J	J	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	mg/L	—	0.017	Y	U	U	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.805	—	mg/L	—	0.085	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	4.03	—	µg/L	—	0.5	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	4.6	—	µg/L	—	0.5	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	Y	0.0597	0.0145	pCi/L	0.0361	—	Y	—	NQ	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	Y	0.115	0.0184	pCi/L	0.0348	—	Y	—	NQ	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.138	0.0193	pCi/L	0.0451	—	Y	—	NQ	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.12	0.02	pCi/L	0.0435	—	Y	—	J	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	10.6	—	mg/L	—	0.05	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	10.5	—	mg/L	—	0.05	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	10.6	17.2	pCi/L	70	—	Y	U	U	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.2	27	pCi/L	106	—	Y	U	U	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.2	—	mg/L	—	0.053	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.3	—	mg/L	—	0.053	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	56.2	—	mg/L	—	0.1	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	55.9	—	mg/L	—	0.1	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.513	1.3	pCi/L	4.77	—	Y	U	U	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.634	1.92	pCi/L	7.17	—	Y	U	U	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	426	—	µS/cm	—	3.63	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	411	—	µS/cm	—	3.63	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	104	—	µg/L	—	1	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.1	—	µg/L	—	1	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	Y	28.4	0.441	pCi/L	0.491	—	Y	—	NQ	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	21.7	0.461	pCi/L	0.486	—	Y	—	NQ	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.92	—	mg/L	—	0.133	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.96	—	mg/L	—	0.133	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.8	—	µg/L	—	2.5	Y	J	J	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	Y	2.57	—	µg/L	—	2.5	Y	J	J	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	RE	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	280	—	mg/L	—	3.4	Y	H	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	RE	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	273	—	mg/L	—	3.4	N	H	J	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	991	—	mg/L	—	3.4	Y	—	J	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	253	—	mg/L	—	3.4	Y	H	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.67	—	mg/L	—	0.33	Y	—	NQ	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.72	—	mg/L	—	0.33	Y	—	NQ	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	N	63.6	55.2	pCi/L	187	—	Y	U	U	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	12.8	52.3	pCi/L	186	—	Y	U	U	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.262	—	µg/L	—	0.067	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.24	—	µg/L	—	0.067	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.371	0.031	pCi/L	0.0896	—	Y	—	NQ	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.331	0.0307	pCi/L	0.0921	—	Y	—	NQ	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0784	0.016	pCi/L	0.081	—	Y	U	U	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0527	0.0142	pCi/L	0.0833	—	Y	U	U	2016-1833	CAMO-16-124258	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.178	0.0217	pCi/L	0.0508	—	Y	—	NQ	2016-1833	CAMO-16-124246	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	0.0186	pCi/L	0.0522	—	Y	—	J	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	SU	—	0.01	Y	H	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	118	—	mg/L	—	0.725	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	134	—	µg/L	—	68	Y	J	J	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.117	0.0161	pCi/L	0.0572	—	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.258	—	mg/L	—	0.017	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.19	—	µg/L	—	1.7	Y	J	J	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	113	—	µg/L	—	1	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	61.6	—	µg/L	—	15	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	35.4	—	mg/L	—	0.05	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.94	1.08	pCi/L	4.29	—	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	79.3	—	mg/L	—	1.34	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0821	1.28	pCi/L	4.56	—	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.826	—	mg/L	—	0.033	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.35	0.998	pCi/L	2.96	—	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	94.2	3.61	pCi/L	2.86	—	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	102	—	mg/L	—	0.453	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	58.5	—	µg/L	—	30	Y	J	J	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.23	—	mg/L	—	0.11	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	10	—	µg/L	—	2	Y	U	U	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	30.6	—	µg/L	—	0.165	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.8	2.22	pCi/L	8.04	—	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.708	—	µg/L	—	0.5	Y	J	J	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.771	—	mg/L	—	0.017	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	7.13	—	µg/L	—	0.5	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	Y	0.0614	0.0132	pCi/L	0.0364	—	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.125	0.0177	pCi/L	0.0485	—	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	13.9	—	mg/L	—	0.05	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.61	13.7	pCi/L	38.9	—	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.7	—	mg/L	—	0.053	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	63.4	—	mg/L	—	0.1	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.439	0.983	pCi/L	3.49	—	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	528	—	µS/cm	—	3.63	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	143	—	µg/L	—	1	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	24.8	0.878	pCi/L	0.782	—	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	13.9	—	mg/L	—	0.133	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.84	—	µg/L	—	2.5	Y	J	J	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	457	—	mg/L	—	3.4	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.56	—	mg/L	—	0.33	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	69.3	51.6	pCi/L	171	—	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.349	—	µg/L	—	0.067	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.346	0.0293	pCi/L	0.0999	—	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0528	0.0139	pCi/L	0.0663	—	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.133	0.0187	pCi/L	0.0626	—	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.29	—	SU	—	0.01	Y	H	J-	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	mg/L	—	0.73	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Aluminum	Al	N	200	—	µg/L	—	68	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0341	0.009	pCi/L	0.036	—	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.059	—	mg/L	—	0.016	Y	—	J-	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.5	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	125	—	µg/L	—	1	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Boron	B	Y	48.2	—	µg/L	—	15	Y	J	J	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	41.8	—	mg/L	—	0.05	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.251	1.4	pCi/L	4.7	—	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	123	—	mg/L	—	1.3	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.48	1.7	pCi/L	6.1	—	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.638	—	mg/L	—	0.033	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.133	0.8	pCi/L	2.8	—	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	94.2	8.5	pCi/L	2.8	—	Y	—	NQ	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	120	—	mg/L	—	0.35	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Iron	Fe	N	100	—	µg/L	—	30	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	3.87	—	mg/L	—	0.085	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Manganese	Mn	N	10	—	µg/L	—	2	Y	U	U	10-3585	CAMO-10-22810	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	20.6	—	µg/L	—	0.1	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.84	2.9	pCi/L	8.9	—	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	2.86	—	µg/L	—	0.5	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.765	—	mg/L	—	0.05	Y	—	J-	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	8.27	—	µg/L	—	1	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00235	0.0071	pCi/L	0.031	—	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0141	0.012	pCi/L	0.032	—	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	14.9	—	mg/L	—	0.05	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	53.3	20	pCi/L	41	—	Y	UI	R	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	34	—	mg/L	—	0.053	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	59.1	—	mg/L	—	0.1	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.299	1.7	pCi/L	5.4	—	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	636	—	µS/cm	—	1	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	169	—	µg/L	—	1	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	41.9	3.5	pCi/L	0.44	—	Y	—	NQ	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	mg/L	—	0.1	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Tin	Sn	N	50	—	µg/L	—	13	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	409	—	mg/L	—	2.4	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.07	—	mg/L	—	0.33	Y	—	NQ	10-3584	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	982	140	pCi/L	240	—	Y	—	NQ	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	N	0.158	—	µg/L	—	0.05	Y	J	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.114	0.021	pCi/L	0.073	—	Y	—	NQ	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00704	0.005	pCi/L	0.044	—	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0854	0.017	pCi/L	0.051	—	Y	—	NQ	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.08	—	SU	—	0.01	Y	H	J-	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	131	—	mg/L	—	0.73	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Aluminum	Al	Y	189	—	µg/L	—	68	Y	J	J	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.047	—	mg/L	—	0.016	Y	J	J-	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.5	Y	U	U	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	88.8	—	µg/L	—	1	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Boron	B	Y	63.2	—	µg/L	—	15	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	30.9	—	mg/L	—	0.05	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	43.4	—	mg/L	—	0.33	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.843	—	mg/L	—	0.033	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	88.6	—	mg/L	—	0.35	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Iron	Fe	Y	78.6	—	µg/L	—	30	Y	J	J	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	2.76	—	mg/L	—	0.085	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Manganese	Mn	N	10	—	µg/L	—	2	Y	U	U	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	34.6	—	µg/L	—	0.1	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	3.32	—	µg/L	—	0.5	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.06	—	mg/L	—	0.05	Y	—	J+	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	5.57	—	µg/L	—	0.5	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	11.3	—	mg/L	—	0.05	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	40.8	—	mg/L	—	0.053	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	53.1	—	mg/L	—	0.1	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	435	—	µS/cm	—	1	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	120	—	µg/L	—	1	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.22	—	mg/L	—	0.1	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Tin	Sn	N	100	—	µg/L	—	25	Y	U	U	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	284	—	mg/L	—	2.4	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	01/27/2010	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	4.04	—	mg/L	—	0.33	Y	—	NQ	10-1458	CAMO-10-9285	GELC
MCO-5	21.0	01/27/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.596	—	µg/L	—	0.05	Y	—	NQ	10-1458	CAMO-10-9283	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.0377	0.0094	pCi/L	0.035	—	Y	—	NQ	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.75	1.5	pCi/L	5.3	—	Y	U	U	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.5	1.9	pCi/L	5.3	—	Y	U	U	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.61	0.61	pCi/L	1.3	—	Y	—	U	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	96.5	8.6	pCi/L	2.2	—	Y	—	NQ	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-13.4	12	pCi/L	37	—	Y	U	U	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	Y	0.026	0.0057	pCi/L	0.022	—	Y	—	NQ	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.0448	0.0076	pCi/L	0.025	—	Y	—	NQ	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.1	18	pCi/L	58	—	Y	U	U	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0236	1.2	pCi/L	3.9	—	Y	U	U	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	45.3	3.8	pCi/L	0.26	—	Y	—	NQ	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1290	150	pCi/L	140	—	Y	—	NQ	09-2909	CAMO-09-9502	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.3	0.036	pCi/L	0.1	—	Y	—	NQ	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00687	0.0084	pCi/L	0.051	—	Y	U	U	09-2909	CAMO-09-9502	GELC
MCO-5	21.0	08/17/2009	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.12	0.022	pCi/L	0.051	—	Y	—	NQ	09-2909	CAMO-09-9502	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.3	—	SU	—	0.01	Y	H	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0912	0.0416	pCi/L	0.11	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.85	—	µg/L	—	2	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	189	—	µg/L	—	1	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	63.3	—	µg/L	—	15	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.8	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.859	0.848	pCi/L	2.94	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	73.3	—	mg/L	—	1.34	Y	—	J-	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.034	0.803	pCi/L	3.07	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.17	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.04	0.99	pCi/L	3	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	17.9	1.27	pCi/L	2.74	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.4	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.94	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	37.2	—	µg/L	—	0.2	Y	E	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.52	1.54	pCi/L	5.78	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.935	—	µg/L	—	0.6	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.893	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	7.04	—	µg/L	—	0.25	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0187	0.0606	pCi/L	0.165	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0842	0.0449	pCi/L	0.181	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	16	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.3	17	pCi/L	31	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	Y	2.58	—	µg/L	—	2	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	55.7	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.978	0.776	pCi/L	3.2	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	491	—	µS/cm	—	1	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	147	—	µg/L	—	1	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	2.19	0.236	pCi/L	0.45	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.3	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	283	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.249	—	mg/L	—	0.033	Y	—	J+	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.22	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.223	—	mg/L	—	0.02	Y	—	J+	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	211.123	31.79	pCi/L	3.047	—	Y	—	NQ	N3B-2019-2777	CAMO-19-182827	ARSL
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.526	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.166	0.0485	pCi/L	0.202	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0719	0.0341	pCi/L	0.169	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.15	0.044	pCi/L	0.161	—	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.71	—	µg/L	—	1	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.12	—	SU	—	0.01	Y	H	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	118	—	mg/L	—	1.45	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0198	0.0114	pCi/L	0.066	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.21	—	µg/L	—	2	Y	J	J	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	210	—	µg/L	—	1	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	65.8	—	µg/L	—	15	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	27.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.254	0.908	pCi/L	3.13	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	81.2	—	mg/L	—	1.34	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.252	1.15	pCi/L	4.42	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.12	—	mg/L	—	0.033	Y	—	NQ	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.13	—	mg/L	—	0.033	Y	—	NQ	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.08	—	mg/L	—	0.033	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.3	0.93	pCi/L	2.82	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	12.9	1.01	pCi/L	2.13	—	Y	—	NQ	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	91.3	—	mg/L	—	0.453	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.47	—	mg/L	—	0.11	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	33.3	—	µg/L	—	0.2	Y	E	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.96	1.77	pCi/L	6.7	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.792	—	µg/L	—	0.6	Y	J	J	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	mg/L	—	0.085	Y	—	NQ	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	mg/L	—	0.085	Y	—	NQ	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.74	—	mg/L	—	0.085	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	8.46	—	µg/L	—	0.5	Y	—	NQ	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	8.11	—	µg/L	—	0.5	Y	—	NQ	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	8.05	—	µg/L	—	0.25	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0317	0.0119	pCi/L	0.037	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0317	0.015	pCi/L	0.0585	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	15.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.07	15.3	pCi/L	59.3	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	Y	2.18	—	µg/L	—	2	Y	J	J	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	59.3	—	mg/L	—	0.1	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.676	0.903	pCi/L	2.81	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	540	—	µS/cm	—	1	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	163	—	µg/L	—	1	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	3.79	0.306	pCi/L	0.474	—	Y	—	NQ	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.2	—	mg/L	—	0.133	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	301	—	mg/L	—	3.4	Y	—	NQ	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	337	—	mg/L	—	3.4	Y	—	NQ	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	307	—	mg/L	—	3.4	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.06	—	mg/L	—	0.033	Y	J	J	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.1	—	mg/L	—	0.33	Y	—	NQ	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.25	—	mg/L	—	0.02	Y	—	J+	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.909	0.793	pCi/L	2.716	—	Y	U	U	N3B-2018-3294	CAMO-18-159842	ARSL
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.75	—	µg/L	—	0.067	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.262	0.05	pCi/L	0.216	—	Y	—	NQ	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0184	0.0202	pCi/L	0.206	—	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.255	0.0454	pCi/L	0.15	—	Y	—	NQ	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	07/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.12	—	µg/L	—	1	Y	J	J	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	06/29/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.06	—	mg/L	—	0.033	Y	—	NQ	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	06/29/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.3	—	mg/L	—	0.017	Y	—	NQ	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	06/29/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	7.47	—	µg/L	—	0.5	Y	—	NQ	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	06/29/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	6	—	deg C	—	—	Y	—	NQ	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	06/29/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	309	—	mg/L	—	3.4	Y	—	NQ	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	01/11/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.75	—	mg/L	—	0.033	Y	—	NQ	2018-1442	CAMO-18-150898	GELC
MCO-7	39.0	01/11/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.65	—	mg/L	—	0.085	Y	—	NQ	2018-1442	CAMO-18-150898	GELC
MCO-7	39.0	01/11/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	6.49	—	µg/L	—	0.2	Y	—	NQ	2018-1442	CAMO-18-150898	GELC
MCO-7	39.0	01/11/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	2018-1442	CAMO-18-150898	GELC
MCO-7	39.0	01/11/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	284	—	mg/L	—	3.4	Y	—	NQ	2018-1442	CAMO-18-150898	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.26	—	SU	—	0.01	Y	H	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	127	—	mg/L	—	1.45	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00915	0.0102	pCi/L	0.034	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.26	—	µg/L	—	2	Y	J	J	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	210	—	µg/L	—	1	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	63.9	—	µg/L	—	15	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.1	—	mg/L	—	0.05	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.07	1.34	pCi/L	5.44	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	70.7	—	mg/L	—	0.67	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.61	1.39	pCi/L	4.22	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.01	—	mg/L	—	0.033	Y	—	NQ	2017-2379	CAMO-17-142071	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.01	—	mg/L	—	0.033	Y	—	NQ	2017-2379	CAMO-17-142072	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.956	—	mg/L	—	0.033	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.95	1.02	pCi/L	2.96	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	23	1.69	pCi/L	2.89	—	Y	—	NQ	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	92.4	—	mg/L	—	0.453	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.4	—	mg/L	—	0.11	Y	—	NQ	2017-2378	CAMO-17-142053	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	33.9	—	µg/L	—	0.2	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.33	2.18	pCi/L	6.88	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.84	—	µg/L	—	0.6	Y	J	J	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.922	—	mg/L	—	0.017	Y	—	NQ	2017-2379	CAMO-17-142071	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.92	—	mg/L	—	0.017	Y	—	NQ	2017-2379	CAMO-17-142072	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.972	—	mg/L	—	0.017	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	6.28	—	µg/L	—	0.25	Y	—	NQ	2017-2379	CAMO-17-142071	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	6.66	—	µg/L	—	0.25	Y	—	NQ	2017-2379	CAMO-17-142072	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	6.48	—	µg/L	—	0.25	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0176	0.019	pCi/L	0.0352	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0293	0.0131	pCi/L	0.0349	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	15.9	—	mg/L	—	0.05	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-57	15.9	pCi/L	46.5	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	Y	2.88	—	µg/L	—	2	Y	J	J	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40	—	mg/L	—	0.053	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	57.8	—	mg/L	—	0.1	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.27	1.34	pCi/L	4.59	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	608	—	µS/cm	—	1	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	164	—	µg/L	—	1	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	3.54	0.269	pCi/L	0.413	—	Y	—	NQ	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12	—	mg/L	—	0.133	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2017-2379	CAMO-17-142071	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2017-2379	CAMO-17-142072	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	296	—	mg/L	—	3.4	Y	—	NQ	2017-2379	CAMO-17-142071	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	293	—	mg/L	—	3.4	Y	—	NQ	2017-2379	CAMO-17-142072	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	299	—	mg/L	—	3.4	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0746	—	mg/L	—	0.033	Y	J	J	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.1	—	mg/L	—	0.33	Y	—	NQ	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.197	—	mg/L	—	0.02	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	118	47.7	pCi/L	153	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.825	—	µg/L	—	0.067	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.429	0.0347	pCi/L	0.0624	—	Y	—	NQ	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0425	0.0127	pCi/L	0.0529	—	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.363	0.0314	pCi/L	0.0517	—	Y	—	NQ	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	08/07/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.98	—	µg/L	—	1	Y	J	J	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	05/11/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	SU	—	0.01	Y	H	NQ	2017-1526	CAMO-17-132462	GELC
MCO-7	39.0	05/11/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	32	—	mg/L	—	1.45	Y	—	NQ	2017-1526	CAMO-17-132462	GELC
MCO-7	39.0	05/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	69.8	—	mg/L	—	0.67	Y	—	NQ	2017-1526	CAMO-17-132462	GELC
MCO-7	39.0	05/11/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.1	—	mg/L	—	0.053	Y	—	NQ	2017-1526	CAMO-17-132462	GELC
MCO-7	39.0	05/11/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	456	—	µS/cm	—	1	Y	—	NQ	2017-1526	CAMO-17-132462	GELC
MCO-7	39.0	05/11/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.1	—	mg/L	—	0.133	Y	—	NQ	2017-1526	CAMO-17-132462	GELC
MCO-7	39.0	05/11/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2017-1526	CAMO-17-132464	GELC
MCO-7	39.0	05/11/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.117	—	mg/L	—	0.033	Y	—	NQ	2017-1526	CAMO-17-132464	GELC
MCO-7	39.0	05/11/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.37	—	mg/L	—	0.33	Y	—	NQ	2017-1526	CAMO-17-132464	GELC
MCO-7	39.0	05/11/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.212	—	mg/L	—	0.02	Y	—	NQ	2017-1526	CAMO-17-132462	GELC
MCO-7	39.0	02/14/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.05	—	SU	—	0.01	Y	H	NQ	2017-1019	CAMO-17-129353	GELC
MCO-7	39.0	02/14/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	158	—	mg/L	—	1.45	Y	—	NQ	2017-1019	CAMO-17-129353	GELC
MCO-7	39.0	02/14/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	64.8	—	mg/L	—	0.67	Y	—	NQ	2017-1019	CAMO-17-129353	GELC
MCO-7	39.0	02/14/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.3	—	mg/L	—	0.053	Y	—	NQ	2017-1019	CAMO-17-129353	GELC
MCO-7	39.0	02/14/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	514	—	µS/cm	—	1	Y	—	NQ	2017-1019	CAMO-17-129353	GELC
MCO-7	39.0	02/14/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.9	—	mg/L	—	0.133	Y	—	NQ	2017-1019	CAMO-17-129353	GELC
MCO-7	39.0	02/14/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.166	—	mg/L	—	0.033	Y	—	J+	2017-1019	CAMO-17-129355	GELC
MCO-7	39.0	02/14/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.45	—	mg/L	—	0.33	Y	—	NQ	2017-1019	CAMO-17-129355	GELC
MCO-7	39.0	02/14/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.214	—	mg/L	—	0.02	Y	—	NQ	2017-1019	CAMO-17-129353	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0108	0.00955	pCi/L	0.0422	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.39	—	µg/L	—	1.7	Y	J	J	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	215	—	µg/L	—	1	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	59.5	—	µg/L	—	15	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.3	—	mg/L	—	0.05	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.09	1.06	pCi/L	3.72	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.479	1.49	pCi/L	3.93	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.204	0.829	pCi/L	2.75	—	Y	U	U	2016-1818	CAMO-16-124259	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	25.9	0.775	pCi/L	1.74	—	Y	—	NQ	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	93.1	—	mg/L	—	0.453	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.47	—	mg/L	—	0.11	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	33.1	—	µg/L	—	0.165	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.54	1.97	pCi/L	6.73	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.842	—	µg/L	—	0.5	Y	J	J	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0265	0.00884	pCi/L	0.0307	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0199	0.00911	pCi/L	0.0384	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	15.8	—	mg/L	—	0.05	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.9	16.9	pCi/L	49.5	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	Y	2.15	—	µg/L	—	1.5	Y	J	J	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	57.3	—	mg/L	—	0.1	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.428	0.967	pCi/L	3.33	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	166	—	µg/L	—	1	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	3.79	0.285	pCi/L	0.44	—	Y	—	NQ	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	177	60.4	pCi/L	187	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.937	—	µg/L	—	0.067	Y	—	NQ	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.38	0.0327	pCi/L	0.0957	—	Y	—	NQ	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.029	0.014	pCi/L	0.0865	—	Y	U	U	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.344	0.0308	pCi/L	0.0542	—	Y	—	NQ	2016-1818	CAMO-16-124259	GELC
MCO-7	39.0	07/28/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.66	—	µg/L	—	1	Y	J	J	2016-1818	CAMO-16-124283	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0233	0.0124	pCi/L	0.0471	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.68	—	µg/L	—	1.7	Y	J	J	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	323	—	µg/L	—	1	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	68.2	—	µg/L	—	15	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	41.1	—	mg/L	—	0.05	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.09	0.968	pCi/L	3.71	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.204	0.841	pCi/L	3.28	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.5	0.901	pCi/L	2.97	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	30.7	2.1	pCi/L	2.54	—	Y	—	NQ	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	137	—	mg/L	—	0.453	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.42	—	mg/L	—	0.11	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	26.2	—	µg/L	—	0.165	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0906	1.9	pCi/L	6.69	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	2.17	—	µg/L	—	0.5	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0127	0.00732	pCi/L	0.0423	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0296	0.0099	pCi/L	0.0378	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	21	—	mg/L	—	0.05	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.2	15.3	pCi/L	57.5	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Selenium	Se	Y	2.45	—	µg/L	—	1.5	Y	J	J	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	75.1	—	mg/L	—	0.1	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.566	0.761	pCi/L	2.77	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	244	—	µg/L	—	1	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	5.47	0.381	pCi/L	0.491	—	Y	—	NQ	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	269	58.3	pCi/L	181	—	Y	—	NQ	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.14	—	µg/L	—	0.067	Y	—	NQ	2015-2225	CAMO-15-102594	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.453	0.0379	pCi/L	0.119	—	Y	—	NQ	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.083	0.0186	pCi/L	0.0839	—	Y	U	U	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.38	0.0347	pCi/L	0.11	—	Y	—	NQ	2015-2225	CAMO-15-102570	GELC
MCO-7	39.0	08/20/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.28	—	µg/L	—	1	Y	J	J	2015-2225	CAMO-15-102594	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.84	—	SU	—	0.01	Y	H	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.3	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	114	—	µg/L	—	68	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00451	0.00553	pCi/L	0.0305	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.04	—	µg/L	—	2	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	114	—	µg/L	—	1	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.3	—	µg/L	—	15	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.36	1.32	pCi/L	5.14	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	22.8	—	mg/L	—	0.335	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.06	1.03	pCi/L	3.74	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.34	0.664	pCi/L	2.94	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.08	0.904	pCi/L	2.62	—	Y	—	NQ	N3B-2019-3032	CAWA-19-184000	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	67.1	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	Y	1.29	—	µg/L	—	0.085	Y	—	NQ	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	113	—	µg/L	—	30	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.18	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	20.1	—	µg/L	—	2	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.77	2.42	pCi/L	8.72	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.164	—	µg/L	—	0.05	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0106	0.00838	pCi/L	0.0464	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00265	0.007	pCi/L	0.05	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.99	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-33	14.3	pCi/L	47.2	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	Y	0.17	—	µg/L	—	0.085	Y	J	J	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.666	1.15	pCi/L	4.43	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	µS/cm	—	1	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	120	—	µg/L	—	1	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.297	0.106	pCi/L	0.477	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.86	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0971	—	mg/L	—	0.033	Y	J	J	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.21	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.011	0.0118	pCi/L	0.0529	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00299	0.00518	pCi/L	0.0392	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.00242	0.00872	pCi/L	0.0352	—	Y	U	U	N3B-2019-3032	CAWA-19-184000	GELC
WCO-1r	6.0	08/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.57	—	µg/L	—	1	Y	J	J	N3B-2019-3032	CAWA-19-184001	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.18	—	SU	—	0.01	Y	H	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	37.2	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	3060	—	µg/L	—	68	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.4	—	µg/L	—	2	Y	J	J	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	76.7	—	µg/L	—	1	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.4	—	µg/L	—	15	Y	J	J	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.64	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	21.5	—	mg/L	—	0.335	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	39.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	Y	1.08	—	µg/L	—	0.0889	Y	—	NQ	N3B-2019-1149	CAWA-19-167682	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	1560	—	µg/L	—	30	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.68	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	10.3	—	µg/L	—	2	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.435	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.71	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	Y	0.2	—	µg/L	—	0.0889	Y	J	J	N3B-2019-1149	CAWA-19-167682	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.8	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.9	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	164	—	µS/cm	—	1	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.7	—	µg/L	—	1	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.97	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-1149	CAWA-19-167682	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	03/15/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.326	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-1149	CAWA-19-167682	GELC
WCO-1r	6.0	03/15/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	6.84	—	mg/L	—	0.33	Y	—	NQ	N3B-2019-1149	CAWA-19-167682	GELC
WCO-1r	6.0	03/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.23	—	µg/L	—	1	Y	J	J	N3B-2019-1149	CAWA-19-167681	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00545	0.00545	pCi/L	0.035	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.281	1.17	pCi/L	4.12	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.476	1.33	pCi/L	5.14	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.738	0.332	pCi/L	1.05	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.71	0.981	pCi/L	2.68	—	Y	—	J	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.303	2.28	pCi/L	7.81	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0076	0.0067	pCi/L	0.0347	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00506	0.0062	pCi/L	0.0426	—	Y	U	U	2014-4403	CAWA-14-84621	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.3	15.4	pCi/L	50.1	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.87	1.21	pCi/L	4.07	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.113	0.124	pCi/L	0.431	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0481	0.0159	pCi/L	0.0653	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00372	0.00984	pCi/L	0.0479	—	Y	U	U	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	08/20/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0511	0.0144	pCi/L	0.0379	—	Y	—	NQ	2014-4403	CAWA-14-84621	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.97	—	SU	—	0.01	Y	H	J-	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.8	—	mg/L	—	0.73	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Aluminum	Al	Y	346	—	µg/L	—	68	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.5	Y	U	U	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	82.8	—	µg/L	—	1	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Boron	B	Y	32.6	—	µg/L	—	15	Y	J	J	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	14.5	—	mg/L	—	0.05	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	20.3	—	mg/L	—	0.13	Y	—	J+	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.119	—	mg/L	—	0.033	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	58.8	—	mg/L	—	0.35	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Iron	Fe	Y	137	—	µg/L	—	30	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	5.49	—	mg/L	—	0.085	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Manganese	Mn	N	10	—	µg/L	—	2	Y	U	U	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.178	—	µg/L	—	0.05	Y	J	J	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	3.73	—	mg/L	—	0.05	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	45.5	—	mg/L	—	0.053	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	16.2	—	mg/L	—	0.1	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	µS/cm	—	1	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	105	—	µg/L	—	1	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	mg/L	—	0.1	Y	—	NQ	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	165	—	mg/L	—	2.4	Y	—	J	10-4672	CAWA-10-25770	GELC
WCO-1r	6.0	09/20/2010	WG	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	Y	1.68	—	µg/L	—	1	Y	J	J	10-4672	CAWA-10-25770	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	10.9	—	µg/L	—	1.5	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.65	—	µg/L	—	0.3	Y	J	J	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0046	—	mg/L	—	0.00167	Y	J	J	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	2.47	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	0.72	—	µg/L	—	0.3	Y	J	J	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	5.54	—	ng/L	—	0.8	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	3.65	—	ng/L	—	0.8	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	9.19	—	ng/L	—	2	Y	J	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	65	—	µg/L	—	0.3	Y	—	NQ	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.44	—	µg/L	—	0.3	Y	J	J	N3B-2020-225	CAPA-20-189113	GELC
03-B-13	21.5	04/16/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/16/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.49	—	µg/L	—	0.3	Y	J	J	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/16/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	mg/L	—	0.00167	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/16/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	2.06	—	µg/L	—	0.3	Y	—	NQ	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/16/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	1.06	—	µg/L	—	0.3	Y	—	NQ	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/16/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	44.9	—	µg/L	—	0.3	Y	—	NQ	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/16/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.35	—	µg/L	—	0.3	Y	J	J	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-315	CAPA-19-163690	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-315	CAPA-19-163693	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.43	—	µg/L	—	0.3	Y	J	J	N3B-2019-315	CAPA-19-163690	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.41	—	µg/L	—	0.3	Y	J	J	N3B-2019-315	CAPA-19-163693	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	mg/L	—	0.00167	Y	U	U	N3B-2019-315	CAPA-19-163690	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	mg/L	—	0.00167	Y	U	U	N3B-2019-315	CAPA-19-163693	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	2.24	—	µg/L	—	0.3	Y	—	NQ	N3B-2019-315	CAPA-19-163690	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	2.22	—	µg/L	—	0.3	Y	—	NQ	N3B-2019-315	CAPA-19-163693	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	0.85	—	µg/L	—	0.3	Y	J	J	N3B-2019-315	CAPA-19-163690	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	0.87	—	µg/L	—	0.3	Y	J	J	N3B-2019-315	CAPA-19-163693	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-315	CAPA-19-163690	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-315	CAPA-19-163693	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	42.2	—	µg/L	—	0.3	Y	—	NQ	N3B-2019-315	CAPA-19-163690	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	42.1	—	µg/L	—	0.3	Y	—	NQ	N3B-2019-315	CAPA-19-163693	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.38	—	µg/L	—	0.3	Y	J	J	N3B-2019-315	CAPA-19-163690	GELC
03-B-13	21.5	10/31/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.42	—	µg/L	—	0.3	Y	J	J	N3B-2019-315	CAPA-19-163693	GELC
03-B-13	21.5	04/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	2018-2375	CAPA-18-152859	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
03-B-13	21.5	04/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.7	—	µg/L	—	0.3	Y	J	J	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/10/2018	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	mg/L	—	0.00167	Y	U	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	4.27	—	µg/L	—	0.3	Y	—	NQ	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	2.27	—	µg/L	—	0.3	Y	—	NQ	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	71	—	µg/L	—	0.3	Y	—	NQ	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.67	—	µg/L	—	0.3	Y	J	J	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	11/01/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	2018-677	CAPA-18-147689	GELC
03-B-13	21.5	11/01/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.39	—	µg/L	—	0.3	Y	J	J	2018-677	CAPA-18-147689	GELC
03-B-13	21.5	11/01/2017	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	mg/L	—	0.00167	Y	U	U	2018-677	CAPA-18-147689	GELC
03-B-13	21.5	11/01/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	3.73	—	µg/L	—	0.3	Y	—	NQ	2018-677	CAPA-18-147689	GELC
03-B-13	21.5	11/01/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	1.83	—	µg/L	—	0.3	Y	—	NQ	2018-677	CAPA-18-147689	GELC
03-B-13	21.5	11/01/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-677	CAPA-18-147689	GELC
03-B-13	21.5	11/01/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	41.4	—	µg/L	—	0.3	Y	—	NQ	2018-677	CAPA-18-147689	GELC
03-B-13	21.5	11/01/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.51	—	µg/L	—	0.3	Y	J	J	2018-677	CAPA-18-147689	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.99	—	µg/L	—	1.5	Y	J	J	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	SU	—	0.01	Y	H	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.65	—	µg/L	—	2	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	3.49	—	µg/L	—	1	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.06	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.42	—	mg/L	—	0.067	Y	—	J+	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	mg/L	—	0.033	Y	—	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	29.3	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.22	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.857	—	µg/L	—	0.6	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.104	—	mg/L	—	0.017	Y	—	J-	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.172	—	µg/L	—	0.05	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.297	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	93.1	—	µS/cm	—	1	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.4	—	µg/L	—	1	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.7	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	67.1	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.385	—	mg/L	—	0.33	Y	J	J	N3B-2020-214	CAPA-20-189114	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.301	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.4	—	µg/L	—	1	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	10/28/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.45	—	µg/L	—	3.3	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	SU	—	0.01	Y	H	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.22	—	µg/L	—	2	Y	J	J	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	3.44	—	µg/L	—	1	Y	J	J	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.39	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.29	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.201	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	29.3	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.01	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.08	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	µg/L	—	0.6	Y	U	U	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.108	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.179	—	µg/L	—	0.05	Y	J	J	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.165	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	µS/cm	—	1	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.7	—	µg/L	—	1	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.79	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.339	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.41	—	µg/L	—	1	Y	J	J	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	µg/L	—	3.3	Y	U	U	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	10/31/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-315	CAPA-19-163807	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	SU	—	0.01	Y	H	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.2	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.4	—	µg/L	—	2	Y	J	J	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	4.33	—	µg/L	—	1	Y	J	J	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.69	—	mg/L	—	0.05	Y	—	J+	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.6	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.152	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	31.1	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.29	—	mg/L	—	0.11	Y	—	J+	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.841	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	µg/L	—	0.6	Y	U	U	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.118	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.176	—	µg/L	—	0.05	Y	J	J	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.307	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	µS/cm	—	1	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.5	—	µg/L	—	1	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.65	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-315	CAPA-19-163807	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.343	—	mg/L	—	0.33	Y	J	J	N3B-2019-315	CAPA-19-163807	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.339	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.25	—	µg/L	—	1	Y	J	J	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	10/31/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.19	—	µg/L	—	3.3	Y	J	J	N3B-2019-315	CAPA-19-163694	GELC
PCI-2	512.0	04/17/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	SU	—	0.01	Y	H	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.2	—	mg/L	—	1.45	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	µg/L	—	2	Y	U	U	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	3.91	—	µg/L	—	1	Y	J	J	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.45	—	mg/L	—	0.05	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.37	—	mg/L	—	0.067	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.185	—	mg/L	—	0.033	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	33.2	—	mg/L	—	0.453	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.33	—	mg/L	—	0.11	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.08	—	µg/L	—	0.2	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	µg/L	—	0.6	Y	U	U	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.178	—	mg/L	—	0.017	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.158	—	µg/L	—	0.05	Y	J	J	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.259	—	mg/L	—	0.05	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	mg/L	—	0.053	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	mg/L	—	0.1	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	110	—	µS/cm	—	1	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.8	—	µg/L	—	1	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.7	—	mg/L	—	0.133	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	mg/L	—	3.4	Y	—	NQ	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	N	0.309	—	µg/L	—	0.067	Y	—	U	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.64	—	µg/L	—	1	Y	J	J	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	04/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.25	—	µg/L	—	3.3	Y	J	J	2018-2453	CAPA-18-152860	GELC
PCI-2	512.0	11/01/2017	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	2018-677	CAPA-18-147695	GELC
PCI-2	512.0	11/01/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	2018-677	CAPA-18-147690	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	SU	—	0.01	Y	H	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	SU	—	0.01	Y	H	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	mg/L	—	1.45	Y	—	NQ	2018-677	CAPA-18-147688	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	mg/L	—	1.45	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	µg/L	—	2	Y	U	U	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	N	2	—	µg/L	—	2	Y	U	U	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	3.65	—	µg/L	—	1	Y	J	J	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	3.53	—	µg/L	—	1	Y	J	J	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.67	—	mg/L	—	0.05	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.46	—	mg/L	—	0.05	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.42	—	mg/L	—	0.067	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.43	—	mg/L	—	0.067	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.152	—	mg/L	—	0.033	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	mg/L	—	0.033	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	30.5	—	mg/L	—	0.453	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	29.7	—	mg/L	—	0.453	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.15	—	mg/L	—	0.11	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.09	—	mg/L	—	0.11	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.02	—	µg/L	—	0.2	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.995	—	µg/L	—	0.2	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	µg/L	—	0.6	Y	U	U	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	µg/L	—	0.6	Y	U	U	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.101	—	mg/L	—	0.017	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.103	—	mg/L	—	0.017	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.183	—	µg/L	—	0.05	Y	J	J	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.174	—	µg/L	—	0.05	Y	J	J	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.297	—	mg/L	—	0.05	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	0.255	—	mg/L	—	0.05	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.3	—	mg/L	—	0.053	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	mg/L	—	0.053	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	mg/L	—	0.1	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	mg/L	—	0.1	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	µS/cm	—	1	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	µS/cm	—	1	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.9	—	µg/L	—	1	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.8	—	µg/L	—	1	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.69	—	mg/L	—	0.133	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.71	—	mg/L	—	0.133	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-677	CAPA-18-147690	GELC
PCI-2	512.0	11/01/2017	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-677	CAPA-18-147695	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	mg/L	—	3.4	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	mg/L	—	3.4	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.456	—	mg/L	—	0.33	Y	J	J	2018-677	CAPA-18-147690	GELC
PCI-2	512.0	11/01/2017	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.392	—	mg/L	—	0.33	Y	J	J	2018-677	CAPA-18-147695	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.285	—	µg/L	—	0.067	Y	—	NQ	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.273	—	µg/L	—	0.067	Y	—	NQ	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.52	—	µg/L	—	1	Y	J	J	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	1.11	—	µg/L	—	1	Y	J	J	2018-677	CAPA-18-147694	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	µg/L	—	3.3	Y	U	U	2018-677	CAPA-18-147688	GELC
PCI-2	512.0	11/01/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	µg/L	—	3.3	Y	U	U	2018-677	CAPA-18-147694	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.89	—	µg/L	—	1.5	Y	J	J	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	SU	—	0.01	Y	H	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.9	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00352	0.00748	pCi/L	0.0353	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.84	—	µg/L	—	2	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	47.5	—	µg/L	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	26.9	—	µg/L	—	15	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.1	—	mg/L	—	0.05	Y	N	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.98	0.91	pCi/L	4.8	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.52	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.77	—	µg/L	—	3	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.156	1.3	pCi/L	5.31	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.502	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.47	0.878	pCi/L	2.85	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.5	0.518	pCi/L	1.57	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.7	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.28	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.57	2.72	pCi/L	10.2	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.484	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.448	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00421	0.00729	pCi/L	0.0382	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0126	0.00665	pCi/L	0.037	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.54	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.6	18.8	pCi/L	50.1	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.893	0.23	pCi/L	0.559	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.973	0.325	pCi/L	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0799	0.23	pCi/L	0.816	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.8	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	mg/L	—	0.1	Y	N	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.39	1.44	pCi/L	5.81	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	µS/cm	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102	—	µg/L	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.124	0.0727	pCi/L	0.262	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.94	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	mg/L	—	3.4	Y	—	J+	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.934	0.922	pCi/L	3.032	—	Y	U	U	N3B-2020-333	CASA-20-189238	ARSL
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.07	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.723	0.0533	pCi/L	0.0776	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.034	0.0148	pCi/L	0.0556	—	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.373	0.0385	pCi/L	0.0908	—	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.9	—	µg/L	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.4	—	µg/L	—	3.3	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	SU	—	0.01	Y	H	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.2	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0102	0.0123	pCi/L	0.0815	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.93	—	µg/L	—	2	Y	J	J	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	47.1	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.6	—	µg/L	—	15	Y	J	J	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.2	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.762	0.594	pCi/L	1.96	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.69	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.4	—	µg/L	—	3	Y	J	J	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.203	0.666	pCi/L	2.49	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.312	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.139	0.608	pCi/L	2.69	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.9	0.84	pCi/L	2.55	—	Y	—	NQ	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.1	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.18	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.16	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.318	1.09	pCi/L	3.99	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.476	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.466	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.007	0.007	pCi/L	0.0404	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.021	0.0121	pCi/L	0.0445	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.39	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.408	11.5	pCi/L	34.7	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.418	0.574	pCi/L	2.24	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	µS/cm	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	101	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0385	0.0696	pCi/L	0.242	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.17	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/14/2018	WG	F	RE	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	mg/L	—	3.4	Y	H	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	3180	—	mg/L	—	3.4	N	—	J-	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.147	0.776	pCi/L	2.622	—	Y	U	U	N3B-2019-480	CASA-19-164035	ARSL
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.03	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.708	0.0564	pCi/L	0.142	—	Y	—	NQ	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00518	0.00897	pCi/L	0.138	—	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.356	0.0391	pCi/L	0.14	—	Y	—	NQ	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.81	—	µg/L	—	3.3	Y	J	J	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	3	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	SU	—	0.01	Y	H	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.9	—	mg/L	—	0.725	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0021	0.00629	pCi/L	0.0283	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.3	—	µg/L	—	1.7	Y	J	J	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.4	—	µg/L	—	1	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.7	—	µg/L	—	15	Y	J	J	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.6	—	mg/L	—	0.05	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0478	1.15	pCi/L	4.08	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.6	—	mg/L	—	0.067	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.3	—	µg/L	—	2	Y	J	J	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.73	1.22	pCi/L	4.97	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.257	—	mg/L	—	0.033	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.515	0.712	pCi/L	2.99	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.75	0.907	pCi/L	2.96	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.6	—	mg/L	—	0.453	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.03	—	mg/L	—	0.11	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.21	—	µg/L	—	0.165	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.74	2.13	pCi/L	7.66	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.47	—	mg/L	—	0.017	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.44	—	µg/L	—	0.05	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00257	0.00574	pCi/L	0.03	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00256	0.00925	pCi/L	0.0577	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.64	—	mg/L	—	0.05	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.4	14.1	pCi/L	39.4	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.9	—	mg/L	—	0.053	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	mg/L	—	0.1	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.325	0.973	pCi/L	3.65	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	µS/cm	—	3.63	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	101	—	µg/L	—	1	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.184	0.12	pCi/L	0.489	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.16	—	mg/L	—	0.133	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	mg/L	—	3.4	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.305	0.704	pCi/L	2.209	—	Y	U	U	2016-400	CASA-16-106237	ARSL
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.01	—	µg/L	—	0.067	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.694	0.0421	pCi/L	0.0804	—	Y	—	NQ	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0122	0.00746	pCi/L	0.0701	—	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.345	0.0295	pCi/L	0.0794	—	Y	—	NQ	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12	—	µg/L	—	1	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/23/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.54	—	µg/L	—	3.3	Y	J	J	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	3	Y	UH	UJ	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	SU	—	0.01	Y	H	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.7	—	mg/L	—	0.725	Y	—	J+	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00442	0.00765	pCi/L	0.0355	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.7	Y	U	U	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	44.8	—	µg/L	—	1	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.9	—	µg/L	—	15	Y	J	J	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.7	—	mg/L	—	0.05	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.3	0.944	pCi/L	3.23	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.8	—	mg/L	—	0.067	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.97	—	µg/L	—	2	Y	J	J	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.059	0.971	pCi/L	3.66	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.25	—	mg/L	—	0.033	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.464	0.765	pCi/L	2.95	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.84	0.968	pCi/L	2.81	—	Y	—	NQ	2015-2299	CASA-15-102630	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	63	—	mg/L	—	0.453	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.95	—	mg/L	—	0.11	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.24	—	µg/L	—	0.165	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.08	2.16	pCi/L	7	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.447	—	mg/L	—	0.085	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.432	—	µg/L	—	0.05	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0000000018	0.00748	pCi/L	0.0433	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0216	0.00916	pCi/L	0.0386	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.43	—	mg/L	—	0.05	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	41.9	16.2	pCi/L	28.9	—	Y	UI	R	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	mg/L	—	0.053	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	mg/L	—	0.1	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.596	0.88	pCi/L	3.18	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	µS/cm	—	1	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	91.7	—	µg/L	—	1	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.135	0.123	pCi/L	0.498	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.16	—	mg/L	—	0.133	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	mg/L	—	3.4	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.702	0.724	pCi/L	2.386	—	Y	U	U	2015-2301	CASA-15-102630	ARSL
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.11	—	µg/L	—	0.067	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.619	0.0476	pCi/L	0.142	—	Y	—	NQ	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0446	0.0152	pCi/L	0.101	—	Y	U	U	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.348	0.0359	pCi/L	0.132	—	Y	—	NQ	2015-2299	CASA-15-102630	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.1	—	µg/L	—	1	Y	—	NQ	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.73	—	µg/L	—	3.3	Y	J	J	2015-2299	CASA-15-102644	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	SU	—	0.01	Y	H	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.5	—	mg/L	—	0.725	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2	—	µg/L	—	1.7	Y	J	J	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	46.3	—	µg/L	—	1	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.1	—	µg/L	—	15	Y	J	J	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.1	—	mg/L	—	0.05	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.54	—	mg/L	—	0.067	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.39	—	µg/L	—	2	Y	J	J	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.277	—	mg/L	—	0.033	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	60.9	—	mg/L	—	0.453	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.78	—	mg/L	—	0.11	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.2	—	µg/L	—	0.165	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.455	—	mg/L	—	0.017	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.437	—	µg/L	—	0.05	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.41	—	mg/L	—	0.05	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.8	—	mg/L	—	0.053	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	mg/L	—	0.1	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	160	—	µS/cm	—	3.63	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	100	—	µg/L	—	1	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.07	—	mg/L	—	0.133	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	mg/L	—	3.4	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.11	—	µg/L	—	0.067	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.8	—	µg/L	—	1	Y	—	NQ	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.51	—	µg/L	—	3.3	Y	J	J	2015-600	CASA-15-90309	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	3	Y	UH	UJ	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00759	0.00537	pCi/L	0.032	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.71	2.72	pCi/L	6.31	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.359	1.64	pCi/L	6.64	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.13	0.847	pCi/L	2.91	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.548	0.779	pCi/L	2.75	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.71	2.79	pCi/L	9.41	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0148	0.0105	pCi/L	0.0465	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0445	0.0157	pCi/L	0.0767	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.3	18.1	pCi/L	67.1	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.974	1.87	pCi/L	7.71	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.339	0.121	pCi/L	0.393	—	Y	U	U	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-1.094	0.692	pCi/L	2.375	—	Y	U	U	2015-601	CASA-15-90306	ARSL
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.655	0.0449	pCi/L	0.115	—	Y	—	NQ	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.032	0.0118	pCi/L	0.0543	—	Y	U	U	2015-599	CASA-15-90306	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.359	0.0336	pCi/L	0.0588	—	Y	—	NQ	2015-599	CASA-15-90306	GELC
R-10 S1	874.0	11/15/2007	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.996	0.27	pCi/L	0.64	—	Y	—	NQ	08-193	CASA-08-7350	GELC
R-10 S1	874.0	11/15/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.491	0.24	pCi/L	0.72	—	Y	U	U	08-193	CASA-08-7347	GELC
R-10 S1	874.0	11/15/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0997	0.17	pCi/L	0.67	—	Y	U	U	08-193	CASA-08-7347	GELC
R-10 S1	874.0	11/15/2007	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	2.1	0.43	pCi/L	0.81	—	Y	—	NQ	08-193	CASA-08-7350	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	6.18	—	µg/L	—	1.5	Y	J	J	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.18	—	µg/L	—	1.5	Y	J	J	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	SU	—	0.01	Y	H	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	SU	—	0.01	Y	H	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.2	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00685	0.00484	pCi/L	0.0343	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00426	0.00674	pCi/L	0.0427	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.141	—	mg/L	—	0.017	Y	—	J+	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0653	—	mg/L	—	0.017	Y	—	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	Y	0.359	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.78	—	µg/L	—	2	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.97	—	µg/L	—	2	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.3	—	µg/L	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	40.3	—	µg/L	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	Y	0.391	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	1.28	—	µg/L	—	0.326	N	—	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.3	—	µg/L	—	15	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	32.6	—	µg/L	—	15	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.5	—	mg/L	—	0.05	Y	N	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.4	—	mg/L	—	0.05	Y	N	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.89	1.83	pCi/L	6.38	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.57	1.43	pCi/L	5.36	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.26	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.36	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.14	—	µg/L	—	3	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.22	—	µg/L	—	3	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	Y	0.359	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.89	1.58	pCi/L	7.95	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.03	2.16	pCi/L	4.91	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	Y	0.457	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	Y	0.424	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	Y	0.37	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	Y	0.337	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.495	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.606	0.755	pCi/L	2.98	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.345	0.607	pCi/L	2.88	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.33	0.652	pCi/L	2.1	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.26	0.735	pCi/L	2.41	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	72.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	71.6	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	30.7	—	µg/L	—	30	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	µg/L	—	30	Y	U	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.09	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.02	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.376	3.94	pCi/L	13.6	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.217	2.66	pCi/L	9.74	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.523	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.505	—	mg/L	—	0.085	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	µg/L	—	0.00033	Y	U	UJ	N3B-2020-292	CASA-20-189270	SWRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	Nitrosamines	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	Y	0.01	—	µg/L	—	0.00033	Y	—	R	N3B-2020-292	CASA-20-189279	SWRI
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.26	—	µg/L	—	3.26	N	U	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.06	—	µg/L	—	3.06	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.493	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.465	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	Y	0.391	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00528	0.00914	pCi/L	0.0478	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00449	0.00449	pCi/L	0.0407	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00527	0.00834	pCi/L	0.0464	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00224	0.00744	pCi/L	0.0395	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.83	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.81	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-31.3	27.9	pCi/L	103	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-12.4	24	pCi/L	85	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	Y	0.348	—	µg/L	—	0.326	N	J	R	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.306	—	µg/L	—	0.306	N	U	R	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.21	0.324	pCi/L	0.539	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.604	0.177	pCi/L	0.417	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	2.37	0.356	pCi/L	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.604	0.245	pCi/L	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.157	0.147	pCi/L	0.51	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.0765	0.169	pCi/L	0.656	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	mg/L	—	0.1	Y	N	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.9	—	mg/L	—	0.1	Y	N	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.66	1.77	pCi/L	5.59	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.198	1.74	pCi/L	6.63	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	µS/cm	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	µS/cm	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109	—	µg/L	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	108	—	µg/L	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.179	0.125	pCi/L	0.496	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.153	0.101	pCi/L	0.334	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.7	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	mg/L	—	3.4	Y	—	J+	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	mg/L	—	3.4	Y	—	J+	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.874	0.918	pCi/L	3.027	—	Y	U	U	N3B-2020-333	CASA-20-189270	ARSL
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.272	0.954	pCi/L	3.211	—	Y	U	U	N3B-2020-333	CASA-20-189279	ARSL
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.38	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	1.28	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.929	0.0581	pCi/L	0.072	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.831	0.0514	pCi/L	0.0638	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0501	0.0171	pCi/L	0.0516	—	Y	U	U	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0192	0.00979	pCi/L	0.0457	—	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.495	0.0428	pCi/L	0.0843	—	Y	—	NQ	N3B-2020-288	CASA-20-189270	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.464	0.0385	pCi/L	0.0747	—	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.2	—	µg/L	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	12.2	—	µg/L	—	1	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.77	—	µg/L	—	3.3	Y	J	J	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.61	—	µg/L	—	3.3	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	4.85	—	µg/L	—	1.5	Y	J	J	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	µg/L	—	1.5	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	SU	—	0.01	Y	H	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.28	—	SU	—	0.01	Y	H	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00354	0.0118	pCi/L	0.0846	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00828	0.0073	pCi/L	0.0658	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	mg/L	—	0.017	Y	U	U	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0247	—	mg/L	—	0.017	Y	J	U	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.76	—	µg/L	—	2	Y	J	J	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	4.69	—	µg/L	—	2	Y	J	J	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	42.6	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	42.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	31.8	—	µg/L	—	15	Y	J	J	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	30.8	—	µg/L	—	15	Y	J	J	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.3	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.4	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.525	0.59	pCi/L	2.02	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.23	1.1	pCi/L	2.03	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.45	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.44	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.57	—	µg/L	—	3	Y	J	J	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	3.62	—	µg/L	—	3	Y	J	J	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.559	0.636	pCi/L	2.37	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.494	0.591	pCi/L	1.83	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.246	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.16	0.838	pCi/L	2.85	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.3	1.09	pCi/L	2.85	—	Y	—	NQ	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.59	0.809	pCi/L	2.3	—	Y	—	NQ	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.41	0.922	pCi/L	2.72	—	Y	—	NQ	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	73.9	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	73.6	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	µg/L	—	30	Y	U	U	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	µg/L	—	30	Y	U	U	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.01	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.92	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.17	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.21	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.429	1.34	pCi/L	4.76	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.22	0.991	pCi/L	3.76	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.491	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.493	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.09	—	µg/L	—	3.09	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.06	—	µg/L	—	3.06	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.476	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.494	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00352	0.00931	pCi/L	0.061	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00673	0.00952	pCi/L	0.0583	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0492	0.0157	pCi/L	0.0671	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0135	0.0126	pCi/L	0.0642	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.75	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.79	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.8	11	pCi/L	32.5	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-14.4	8.81	pCi/L	29.3	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.309	—	µg/L	—	0.309	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.306	—	µg/L	—	0.306	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.9	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.666	0.615	pCi/L	2	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.105	0.604	pCi/L	2.3	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	µS/cm	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	µS/cm	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	107	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	107	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.103	0.0628	pCi/L	0.225	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.121	0.141	pCi/L	0.498	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.99	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.504	0.835	pCi/L	2.631	—	Y	U	U	N3B-2019-480	CASA-19-164039	ARSL
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.64	0.916	pCi/L	2.889	—	Y	U	U	N3B-2019-480	CASA-19-164041	ARSL
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.3	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.3	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.888	0.0598	pCi/L	0.121	—	Y	—	NQ	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.845	0.0547	pCi/L	0.116	—	Y	—	NQ	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0441	0.0165	pCi/L	0.118	—	Y	U	U	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0381	0.0175	pCi/L	0.113	—	Y	U	U	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.546	0.0447	pCi/L	0.12	—	Y	—	NQ	N3B-2019-477	CASA-19-164039	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.435	0.0392	pCi/L	0.115	—	Y	—	NQ	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	12	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.52	—	µg/L	—	3.3	Y	J	J	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.52	—	µg/L	—	3.3	Y	J	J	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	3	Y	UH	UJ	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	SU	—	0.01	Y	H	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.3	—	mg/L	—	0.725	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0121	0.0111	pCi/L	0.0389	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0809	—	mg/L	—	0.017	Y	—	U	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Anthracene	120-12-7	N	0.1	—	µg/L	—	0.03	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.515	—	µg/L	—	0.155	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.7	Y	U	U	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.5	—	µg/L	—	1	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(a)anthracene	56-55-3	N	0.1	—	µg/L	—	0.03	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.515	—	µg/L	—	0.155	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	5.15	—	µg/L	—	1.55	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.6	—	µg/L	—	15	Y	J	J	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.5	—	mg/L	—	0.05	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.3	1.56	pCi/L	5.55	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.74	—	mg/L	—	0.067	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.74	—	µg/L	—	2	Y	J	J	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Chrysene	218-01-9	N	0.1	—	µg/L	—	0.03	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.515	—	µg/L	—	0.155	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.87	1.22	pCi/L	5.5	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	5.15	—	µg/L	—	1.55	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	5.15	—	µg/L	—	1.55	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	5.15	—	µg/L	—	1.55	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Fluorene	86-73-7	N	0.1	—	µg/L	—	0.03	Y	U	U	2015-2299	CASA-15-102631	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.515	—	µg/L	—	0.155	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.217	—	mg/L	—	0.033	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.75	0.908	pCi/L	2.81	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.81	0.732	pCi/L	2.11	—	Y	—	NQ	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	73.6	—	mg/L	—	0.453	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	100	—	µg/L	—	30	Y	U	U	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.82	—	mg/L	—	0.11	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.16	—	µg/L	—	0.165	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.02	2.98	pCi/L	10.7	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.545	—	mg/L	—	0.085	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosopyrrolidine[N-]	930-55-2	N	0.1	—	µg/L	—	0.03	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	5.15	—	µg/L	—	1.55	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.494	—	µg/L	—	0.05	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Phenanthrene	85-01-8	N	0.1	—	µg/L	—	0.03	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.515	—	µg/L	—	0.155	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00905	0.0096	pCi/L	0.0454	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00226	0.00678	pCi/L	0.0405	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.84	—	mg/L	—	0.05	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.2	23.2	pCi/L	73.5	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Pyrene	129-00-0	N	0.1	—	µg/L	—	0.03	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.515	—	µg/L	—	0.155	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.4	—	mg/L	—	0.053	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	mg/L	—	0.1	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.261	1.9	pCi/L	7.2	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	µS/cm	—	1	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.9	—	µg/L	—	1	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0726	0.124	pCi/L	0.494	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.95	—	mg/L	—	0.133	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	mg/L	—	3.4	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.754	0.742	pCi/L	2.444	—	Y	U	U	2015-2301	CASA-15-102631	ARSL
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.43	—	µg/L	—	0.067	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.969	0.06	pCi/L	0.143	—	Y	—	NQ	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0852	0.0203	pCi/L	0.101	—	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.458	0.0412	pCi/L	0.132	—	Y	—	NQ	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.2	—	µg/L	—	1	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	09/02/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.43	—	µg/L	—	3.3	Y	J	J	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	SU	—	0.01	Y	H	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.1	—	mg/L	—	0.725	Y	H	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.176	—	mg/L	—	0.017	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.7	Y	U	U	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.1	—	µg/L	—	1	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.5	—	µg/L	—	15	Y	J	J	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.3	—	mg/L	—	0.05	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.24	—	mg/L	—	0.067	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	2.91	—	µg/L	—	2	Y	J	J	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.227	—	mg/L	—	0.033	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	68.9	—	mg/L	—	0.453	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	100	—	µg/L	—	30	Y	U	U	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.45	—	mg/L	—	0.11	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.16	—	µg/L	—	0.165	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.503	—	mg/L	—	0.017	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.484	—	µg/L	—	0.05	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.66	—	mg/L	—	0.05	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	mg/L	—	0.053	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	mg/L	—	0.1	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	µS/cm	—	3.63	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	104	—	µg/L	—	1	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.86	—	mg/L	—	0.133	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	mg/L	—	3.4	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.41	—	µg/L	—	0.067	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.9	—	µg/L	—	1	Y	—	NQ	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/22/2014	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.83	—	µg/L	—	3.3	Y	J	J	2015-600	CASA-15-90310	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	3	Y	UH	UJ	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00206	0.00546	pCi/L	0.0348	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8310	Anthracene	120-12-7	N	0.521	—	µg/L	—	0.156	Y	U	U	2015-599	CASA-15-90307	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(a)anthracene	56-55-3	N	0.0521	—	µg/L	—	0.0167	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.3	—	µg/L	—	3.09	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.721	1.45	pCi/L	5.35	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8310	Chrysene	218-01-9	N	0.0521	—	µg/L	—	0.0167	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.758	1.16	pCi/L	4.75	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	10.3	—	µg/L	—	3.09	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	10.3	—	µg/L	—	3.09	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	10.3	—	µg/L	—	3.09	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8310	Fluorene	86-73-7	N	0.521	—	µg/L	—	0.156	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.106	0.703	pCi/L	2.87	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.91	0.827	pCi/L	2.23	—	Y	—	NQ	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.3	2.95	pCi/L	9.78	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	1	—	µg/L	—	0.26	Y	U	U	2015-602	CASA-15-90307	SHEAI
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	10.3	—	µg/L	—	3.09	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	5	—	µg/L	—	2.1	Y	U	UJ	2015-602	CASA-15-90307	SHEAI
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8310	Phenanthrene	85-01-8	N	0.521	—	µg/L	—	0.19	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00213	0.00476	pCi/L	0.0267	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00213	0.00563	pCi/L	0.0441	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.8	14.1	pCi/L	42.5	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8310	Pyrene	129-00-0	N	0.0521	—	µg/L	—	0.0167	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.4	1.24	pCi/L	5.46	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.299	0.1	pCi/L	0.484	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.324	0.645	pCi/L	2.169	—	Y	U	U	2015-601	CASA-15-90307	ARSL
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.892	0.045	pCi/L	0.0871	—	Y	—	NQ	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0378	0.0126	pCi/L	0.0412	—	Y	U	U	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	12/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.471	0.0324	pCi/L	0.0447	—	Y	—	NQ	2015-599	CASA-15-90307	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	µg/L	—	3	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	SU	—	0.01	Y	H	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91	—	mg/L	—	0.725	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00284	0.00635	pCi/L	0.0356	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0747	—	mg/L	—	0.017	Y	—	U	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Anthracene	120-12-7	N	1.03	—	µg/L	—	0.309	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	1.94	—	µg/L	—	1.7	Y	J	J	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	38.2	—	µg/L	—	1	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(a)anthracene	56-55-3	N	1.03	—	µg/L	—	0.309	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.3	—	µg/L	—	3.09	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Boron	B	Y	27.5	—	µg/L	—	15	Y	J	J	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	20.7	—	mg/L	—	0.05	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.24	1.53	pCi/L	6.01	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.31	—	mg/L	—	0.067	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	2.44	—	µg/L	—	2	Y	J	J	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Chrysene	218-01-9	N	1.03	—	µg/L	—	0.309	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.03	1.32	pCi/L	4.89	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Di-n-butylphthalate	84-74-2	N	10.3	—	µg/L	—	3.09	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Diethylphthalate	84-66-2	N	10.3	—	µg/L	—	3.09	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dimethyl Phthalate	131-11-3	N	10.3	—	µg/L	—	3.09	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Fluorene	86-73-7	N	1.03	—	µg/L	—	0.309	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.241	—	mg/L	—	0.033	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.18	0.582	pCi/L	2.46	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.74	0.748	pCi/L	2.41	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	69.9	—	mg/L	—	0.453	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Iron	Fe	N	100	—	µg/L	—	30	Y	U	U	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	4.43	—	mg/L	—	0.11	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.05	—	µg/L	—	0.165	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.72	2.89	pCi/L	10.8	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.477	—	mg/L	—	0.017	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Nitrosopyrrolidine[N-]	930-55-2	N	10.3	—	µg/L	—	3.09	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.519	—	µg/L	—	0.05	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Phenanthrene	85-01-8	N	1.03	—	µg/L	—	0.309	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00646	0.0165	pCi/L	0.0366	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0112	pCi/L	0.0416	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	2.64	—	mg/L	—	0.05	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	49.5	21.8	pCi/L	52.2	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Pyrene	129-00-0	N	1.03	—	µg/L	—	0.309	Y	U	U	2013-1217	CASA-13-37008	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	65	—	mg/L	—	0.053	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	12.3	—	mg/L	—	0.1	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.71	1.63	pCi/L	5.47	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	µS/cm	—	1	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	105	—	µg/L	—	1	Y	E	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.116	0.14	pCi/L	0.494	—	Y	U	U	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.79	—	mg/L	—	0.133	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	mg/L	—	3.4	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.991	0.617	pCi/L	1.97	—	Y	U	U	2013-1200	CASA-13-37008	ARSL
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.41	—	µg/L	—	0.067	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.833	0.0465	pCi/L	0.0522	—	Y	—	NQ	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0435	0.0124	pCi/L	0.0305	—	Y	—	NQ	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.455	0.0342	pCi/L	0.0421	—	Y	—	NQ	2013-1217	CASA-13-37008	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	Y	12.6	—	µg/L	—	1	Y	—	NQ	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	07/17/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Zinc	Zn	Y	8.77	—	µg/L	—	3.3	Y	J	J	2013-1217	CASA-13-37016	GELC
R-10 S2	1042.0	11/15/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.514	0.21	pCi/L	0.59	—	Y	U	U	08-191	CASA-08-7420	GELC
R-10 S2	1042.0	11/15/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.704	0.28	pCi/L	0.8	—	Y	U	U	08-191	CASA-08-7420	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	SU	—	0.01	Y	H	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.2	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00964	0.00835	pCi/L	0.0483	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.1	—	µg/L	—	2	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	76.8	—	µg/L	—	1	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.7	—	µg/L	—	15	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.4	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.368	1.29	pCi/L	4.46	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.83	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.44	—	µg/L	—	3	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.12	1.73	pCi/L	6.55	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.662	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.491	0.744	pCi/L	2.88	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.51	0.568	pCi/L	1.71	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.8	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.1	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.744	—	µg/L	—	0.2	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.89	2.72	pCi/L	9.69	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.12	—	µg/L	—	0.6	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.738	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0107	0.00644	pCi/L	0.0389	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00215	0.0048	pCi/L	0.0378	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.1	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.2	18.4	pCi/L	59.9	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.35	0.334	pCi/L	0.473	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.69	0.379	pCi/L	—	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.339	0.179	pCi/L	0.58	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.9	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.647	1.41	pCi/L	5.26	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	µS/cm	—	1	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	187	—	µg/L	—	1	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0632	0.137	pCi/L	0.479	—	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	mg/L	—	3.4	Y	—	J+	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.319	0.917	pCi/L	2.954	—	Y	U	U	N3B-2020-333	CASA-20-189289	ARSL
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.74	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.943	0.0539	pCi/L	0.0615	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0481	0.0141	pCi/L	0.0441	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.656	0.0446	pCi/L	0.0719	—	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.78	—	µg/L	—	1	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	11/07/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	31.3	—	µg/L	—	3.3	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	SU	—	0.01	Y	H	NQ	N3B-2019-1989	CASA-19-175201	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	05/21/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	SU	—	0.01	Y	H	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.4	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0186	0.00992	pCi/L	0.0403	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00294	0.00882	pCi/L	0.0573	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.51	—	µg/L	—	2	Y	J	J	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.99	—	µg/L	—	2	Y	J	J	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	67.1	—	µg/L	—	1	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	64.3	—	µg/L	—	1	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.3	—	µg/L	—	15	Y	J	J	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	15.6	—	µg/L	—	15	Y	J	J	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.6	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.186	0.825	pCi/L	2.92	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.289	0.669	pCi/L	2.27	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.44	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.45	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.36	—	µg/L	—	3	Y	J	J	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	4.17	—	µg/L	—	3	Y	J	J	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.144	0.8	pCi/L	3.1	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.478	0.655	pCi/L	2.41	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.464	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.467	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.56	1.05	pCi/L	2.92	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	2.81	1.1	pCi/L	2.8	—	Y	—	NQ	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4	0.779	pCi/L	2.04	—	Y	—	NQ	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.12	0.638	pCi/L	1.89	—	Y	—	NQ	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	76	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	72.1	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.54	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.35	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.647	—	µg/L	—	0.2	Y	J	J	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.647	—	µg/L	—	0.2	Y	J	J	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.05	1.56	pCi/L	5.99	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.971	1.28	pCi/L	4.87	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	7.5	—	µg/L	—	0.6	Y	—	J+	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	7.06	—	µg/L	—	0.6	Y	—	J+	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	mg/L	—	0.085	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.23	—	mg/L	—	0.085	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.688	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.744	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00884	0.0121	pCi/L	0.0531	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00187	0.00814	pCi/L	0.0448	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.0104	pCi/L	0.0526	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00746	0.00528	pCi/L	0.0444	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.98	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.84	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.8	16.7	pCi/L	28.4	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-5.85	9.79	pCi/L	36.8	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	50.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.62	0.917	pCi/L	2.84	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.576	0.668	pCi/L	2.77	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	248	—	µS/cm	—	1	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	229	—	µS/cm	—	1	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	169	—	µg/L	—	1	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	161	—	µg/L	—	1	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.403	0.155	pCi/L	0.491	—	Y	U	U	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.404	0.152	pCi/L	0.461	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-1962	CASA-19-175202	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-1962	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	mg/L	—	3.4	Y	H	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	210	—	mg/L	—	3.4	Y	H	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.299	0.911	pCi/L	3.096	—	Y	U	U	N3B-2019-1983	CASA-19-175202	ARSL
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.955	0.859	pCi/L	2.924	—	Y	U	U	N3B-2019-1983	CASA-19-175204	ARSL
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.62	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.59	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.05	0.0458	pCi/L	0.0613	—	Y	—	NQ	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.975	0.0567	pCi/L	0.0986	—	Y	—	NQ	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0459	0.0111	pCi/L	0.0453	—	Y	—	NQ	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0272	0.014	pCi/L	0.0729	—	Y	U	U	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.658	0.0364	pCi/L	0.0506	—	Y	—	NQ	N3B-2019-1989	CASA-19-175202	GELC
R-10a	690.0	05/21/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.676	0.0463	pCi/L	0.0814	—	Y	—	NQ	N3B-2019-1989	CASA-19-175204	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.67	—	µg/L	—	1	Y	—	NQ	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.41	—	µg/L	—	1	Y	—	NQ	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	13.7	—	µg/L	—	3.3	Y	J	U	N3B-2019-1989	CASA-19-175201	GELC
R-10a	690.0	05/21/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	13.4	—	µg/L	—	3.3	Y	J	U	N3B-2019-1989	CASA-19-175203	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	SU	—	0.01	Y	H	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00542	0.0173	pCi/L	0.0517	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.19	—	µg/L	—	2	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	76	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.6	—	µg/L	—	15	Y	J	J	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	27.5	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.764	0.624	pCi/L	2.35	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.69	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Chromium	Cr	Y	4.46	—	µg/L	—	3	Y	J	J	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0953	0.679	pCi/L	2.56	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.455	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	12.8	2.21	pCi/L	5.86	—	Y	—	NQ	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.54	2.02	pCi/L	6.69	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	85.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.04	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.853	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.133	1.14	pCi/L	4.12	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	7.82	—	µg/L	—	0.6	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	—	mg/L	—	0.085	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.736	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0146	0.00564	pCi/L	0.03	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00728	0.0092	pCi/L	0.0331	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.96	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.6	13.1	pCi/L	35.3	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.288	0.668	pCi/L	2.43	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	µS/cm	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	182	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0886	0.12	pCi/L	0.475	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.247	0.644	pCi/L	2.013	—	Y	U	U	N3B-2019-480	CASA-19-164044	ARSL
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.75	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.978	0.059	pCi/L	0.117	—	Y	—	NQ	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0426	0.016	pCi/L	0.114	—	Y	U	U	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.531	0.0439	pCi/L	0.116	—	Y	—	NQ	N3B-2019-477	CASA-19-164044	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.78	—	µg/L	—	1	Y	—	NQ	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	11/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.47	—	µg/L	—	3.3	Y	J	J	N3B-2019-477	CASA-19-164043	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	SU	—	0.01	Y	H	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	SU	—	0.01	Y	H	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.6	—	mg/L	—	1.45	Y	—	NQ	2018-2559	CASA-18-154778	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	05/15/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.6	—	mg/L	—	1.45	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0145	0.00961	pCi/L	0.045	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00266	0.00595	pCi/L	0.0414	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.88	—	µg/L	—	2	Y	J	J	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.78	—	µg/L	—	2	Y	J	J	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	71.7	—	µg/L	—	1	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	69.3	—	µg/L	—	1	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26	—	mg/L	—	0.05	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.7	—	mg/L	—	0.05	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.965	1.04	pCi/L	3.1	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.113	0.95	pCi/L	3.35	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.49	—	mg/L	—	0.067	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.49	—	mg/L	—	0.067	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.98	—	µg/L	—	3	Y	J	J	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	3.93	—	µg/L	—	3	Y	J	J	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.329	0.854	pCi/L	3.19	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.109	0.92	pCi/L	3.5	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.39	—	mg/L	—	0.033	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.388	—	mg/L	—	0.033	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.25	1.17	pCi/L	3	—	Y	—	NQ	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.28	0.984	pCi/L	2.75	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.08	0.522	pCi/L	1.66	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.86	0.719	pCi/L	2	—	Y	—	NQ	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	79.5	—	mg/L	—	0.453	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	75.3	—	mg/L	—	0.453	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.52	—	mg/L	—	0.11	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.34	—	mg/L	—	0.11	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.811	—	µg/L	—	0.2	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.742	—	µg/L	—	0.2	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.377	1.94	pCi/L	6.98	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0885	1.94	pCi/L	6.98	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	10	—	µg/L	—	0.6	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	9.24	—	µg/L	—	0.6	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.29	—	mg/L	—	0.085	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	mg/L	—	0.085	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.743	—	µg/L	—	0.05	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.749	—	µg/L	—	0.05	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00217	0.0113	pCi/L	0.0272	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00242	0.00999	pCi/L	0.0303	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.013	0.00922	pCi/L	0.0405	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0194	0.0103	pCi/L	0.0452	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.91	—	mg/L	—	0.05	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.78	—	mg/L	—	0.05	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.98	14.1	pCi/L	48.9	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-14.6	13.6	pCi/L	47.2	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.9	—	mg/L	—	0.053	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	50.8	—	mg/L	—	0.053	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	mg/L	—	0.1	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	mg/L	—	0.1	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.62	1.03	pCi/L	3.94	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0212	0.999	pCi/L	3.73	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	µS/cm	—	1	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	229	—	µS/cm	—	1	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	178	—	µg/L	—	1	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	169	—	µg/L	—	1	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.204	0.137	pCi/L	0.459	—	Y	U	U	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.145	pCi/L	0.488	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.8	—	mg/L	—	0.133	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.7	—	mg/L	—	0.133	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-2559	CASA-18-154778	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	05/15/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	mg/L	—	3.4	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	mg/L	—	3.4	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.695	1.151	pCi/L	3.87	—	Y	U	U	2018-2572	CASA-18-154779	ARSL
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.832	1.113	pCi/L	3.869	—	Y	U	U	2018-2572	CASA-18-154783	ARSL
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.71	—	µg/L	—	0.067	Y	—	J+	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.65	—	µg/L	—	0.067	Y	—	J+	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.999	0.0464	pCi/L	0.0688	—	Y	—	NQ	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.07	0.0516	pCi/L	0.0779	—	Y	—	NQ	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0624	0.0138	pCi/L	0.0498	—	Y	—	NQ	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0529	0.0132	pCi/L	0.0563	—	Y	U	U	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.541	0.034	pCi/L	0.0455	—	Y	—	NQ	2018-2559	CASA-18-154779	GELC
R-10a	690.0	05/15/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.619	0.0385	pCi/L	0.0515	—	Y	—	NQ	2018-2559	CASA-18-154783	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.18	—	µg/L	—	1	Y	—	NQ	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.69	—	µg/L	—	1	Y	—	NQ	2018-2559	CASA-18-154782	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11	—	µg/L	—	3.3	Y	—	U	2018-2559	CASA-18-154778	GELC
R-10a	690.0	05/15/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	9.27	—	µg/L	—	3.3	Y	J	U	2018-2559	CASA-18-154782	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	SU	—	0.01	Y	H	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.5	—	mg/L	—	1.45	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00446	0.0063	pCi/L	0.0397	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.82	—	µg/L	—	2	Y	J	J	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	73.2	—	µg/L	—	1	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.1	—	µg/L	—	15	Y	J	J	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.8	—	mg/L	—	0.05	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.31	1.61	pCi/L	3.56	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.39	—	mg/L	—	0.067	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.89	—	µg/L	—	3	Y	J	J	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.603	1.07	pCi/L	4.67	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.346	—	mg/L	—	0.033	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.38	1.08	pCi/L	2.79	—	Y	—	NQ	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.96	0.932	pCi/L	2.85	—	Y	—	NQ	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	81.6	—	mg/L	—	0.453	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.58	—	mg/L	—	0.11	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.864	—	µg/L	—	0.2	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.34	1.89	pCi/L	7.47	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	11.6	—	µg/L	—	0.6	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	mg/L	—	0.017	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.725	—	µg/L	—	0.05	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00776	0.00672	pCi/L	0.0286	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00582	0.00643	pCi/L	0.0409	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.03	—	mg/L	—	0.05	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.76	26.3	pCi/L	52.6	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.3	—	mg/L	—	0.053	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	mg/L	—	0.1	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.255	1.14	pCi/L	4.74	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	254	—	µS/cm	—	1	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	188	—	µg/L	—	1	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0152	0.12	pCi/L	0.45	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	mg/L	—	0.133	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	mg/L	—	3.4	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.985	0.709	pCi/L	2.409	—	Y	QU	U	2018-940	CASA-18-147963	ARSL
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.82	—	µg/L	—	0.067	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.16	0.073	pCi/L	0.193	—	Y	—	NQ	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0575	0.0194	pCi/L	0.0847	—	Y	U	U	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.525	0.0486	pCi/L	0.114	—	Y	—	NQ	2018-949	CASA-18-147963	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.02	—	µg/L	—	1	Y	—	NQ	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.67	—	µg/L	—	3.3	Y	J	J	2018-949	CASA-18-147960	GELC
R-10a	690.0	11/15/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.369	0.23	pCi/L	0.74	—	Y	U	U	08-191	CASA-08-7427	GELC
R-10a	690.0	11/15/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.467	0.23	pCi/L	0.69	—	Y	U	U	08-191	CASA-08-7427	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0177	0.0121	pCi/L	0.0368	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.78	—	µg/L	—	2	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.5	—	µg/L	—	1	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20	—	µg/L	—	15	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.4	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.622	1.83	pCi/L	6.69	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.26	—	µg/L	—	3	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.975	1.64	pCi/L	6.21	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.04	0.729	pCi/L	2.46	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.77	0.729	pCi/L	2.23	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.88	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.93	—	µg/L	—	2	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.17	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.76	2.9	pCi/L	11	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0278	0.0109	pCi/L	0.0409	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0185	0.0103	pCi/L	0.0447	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.15	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27.3	19.4	pCi/L	68	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.3	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.07	1.38	pCi/L	6.06	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	211	—	µg/L	—	1	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.161	0.0634	pCi/L	0.227	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.352	—	mg/L	—	0.33	Y	J	J	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.871	0.943	pCi/L	3.112	—	Y	U*	UJ	N3B-2019-2463	CAMO-19-182831	ARSL
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.12	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.561	0.0535	pCi/L	0.105	—	Y	—	J	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00299	0.00957	pCi/L	0.0884	—	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.371	0.0434	pCi/L	0.0836	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00515	0.00963	pCi/L	0.0515	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.07	—	µg/L	—	2	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19	—	µg/L	—	1	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	µg/L	—	15	Y	U	U	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.94	1.04	pCi/L	4.06	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.06	—	µg/L	—	3	Y	J	J	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.777	1.28	pCi/L	3.55	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.97	0.934	pCi/L	2.73	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.76	0.739	pCi/L	1.96	—	Y	—	NQ	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	53.7	—	mg/L	—	0.453	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.69	—	mg/L	—	0.11	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.66	—	µg/L	—	2	Y	J	J	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.2	—	µg/L	—	0.2	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.756	1.84	pCi/L	6.46	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0151	0.0169	pCi/L	0.0485	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0189	0.0136	pCi/L	0.0768	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.75	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.2	29.1	pCi/L	38.8	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.9	—	mg/L	—	0.053	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	mg/L	—	0.1	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.19	0.963	pCi/L	4.21	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	185	—	µg/L	—	1	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.396	0.147	pCi/L	0.46	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	116.048	17.523	pCi/L	2.574	—	Y	—	J-	N3B-2018-3294	CAMO-18-159846	ARSL
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.07	—	µg/L	—	0.067	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.639	0.0558	pCi/L	0.137	—	Y	—	NQ	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.082	0.0229	pCi/L	0.13	—	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.412	0.0457	pCi/L	0.0946	—	Y	—	NQ	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.4	—	µg/L	—	1	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00996	0.0149	pCi/L	0.0427	—	Y	U	U	2017-2169	CAMO-17-142061	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.13	—	µg/L	—	2	Y	J	J	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19.4	—	µg/L	—	1	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.3	—	µg/L	—	15	Y	J	J	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.5	—	mg/L	—	0.05	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.231	1.02	pCi/L	3.67	—	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	µg/L	—	3	Y	U	U	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.29	1.03	pCi/L	3.95	—	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.46	1.2	pCi/L	2.92	—	Y	—	NQ	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.17	0.868	pCi/L	2.4	—	Y	—	NQ	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	53.3	—	mg/L	—	0.453	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.69	—	mg/L	—	0.11	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.38	—	µg/L	—	2	Y	J	J	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.15	—	µg/L	—	0.2	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.4	1.95	pCi/L	6.72	—	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0312	0.0104	pCi/L	0.0627	—	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0104	0.00636	pCi/L	0.0682	—	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.73	—	mg/L	—	0.05	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.69	16.1	pCi/L	43.6	—	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	50.9	—	mg/L	—	0.053	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	mg/L	—	0.1	Y	E	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.37	0.74	pCi/L	2.29	—	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	191	—	µg/L	—	1	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.322	0.119	pCi/L	0.486	—	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	mg/L	—	0.33	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.768	0.738	pCi/L	2.525	—	Y	U	U	2017-2314	CAMO-17-142061	ARSL
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.09	—	µg/L	—	0.067	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.69	0.0397	pCi/L	0.0528	—	Y	—	NQ	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0388	0.0124	pCi/L	0.0447	—	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.472	0.033	pCi/L	0.0437	—	Y	—	NQ	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.1	—	µg/L	—	1	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00619	0.019	pCi/L	0.0458	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.01	—	µg/L	—	1.7	Y	J	J	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19.3	—	µg/L	—	1	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.6	—	µg/L	—	15	Y	J	J	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.7	—	mg/L	—	0.05	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.608	1.18	pCi/L	4.09	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.37	—	µg/L	—	2	Y	J	J	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.43	1.35	pCi/L	4.14	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.78	0.903	pCi/L	2.87	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.34	0.41	pCi/L	1.19	—	Y	—	NQ	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	53.5	—	mg/L	—	0.453	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.66	—	mg/L	—	0.11	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	4.1	—	µg/L	—	2	Y	J	J	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.11	—	µg/L	—	0.165	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.31	2.17	pCi/L	6.69	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00682	0.00508	pCi/L	0.0361	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00454	0.0085	pCi/L	0.0418	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.76	—	mg/L	—	0.05	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.1	14.1	pCi/L	35.7	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.5	—	mg/L	—	0.053	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	mg/L	—	0.1	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.52	1.16	pCi/L	5.3	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	179	—	µg/L	—	1	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.303	0.106	pCi/L	0.48	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.444	—	mg/L	—	0.33	Y	J	J	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.12	—	µg/L	—	0.067	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.672	0.0504	pCi/L	0.105	—	Y	—	NQ	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00435	0.0144	pCi/L	0.0944	—	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.37	0.0381	pCi/L	0.0847	—	Y	—	NQ	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	µg/L	—	1	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0105	0.00829	pCi/L	0.0422	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.72	—	µg/L	—	1.7	Y	J	J	2015-2208	CAMO-15-102600	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.6	—	µg/L	—	1	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29	—	µg/L	—	15	Y	J	J	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.5	—	mg/L	—	0.05	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.526	0.936	pCi/L	3.37	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.28	—	µg/L	—	2	Y	J	J	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.48	1.06	pCi/L	3.61	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.648	0.824	pCi/L	2.93	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.89	0.946	pCi/L	2.76	—	Y	—	NQ	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	56.1	—	mg/L	—	0.453	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.8	—	mg/L	—	0.11	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	5.99	—	µg/L	—	2	Y	J	J	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.32	—	µg/L	—	0.165	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.23	2.14	pCi/L	7.85	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00278	0.0114	pCi/L	0.0557	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00555	0.00878	pCi/L	0.0497	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.89	—	mg/L	—	0.05	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.82	13.5	pCi/L	48	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.8	—	mg/L	—	0.053	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	mg/L	—	0.1	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0503	1.06	pCi/L	4.05	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	178	—	µg/L	—	1	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.335	0.137	pCi/L	0.423	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	mg/L	—	0.33	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.26	—	µg/L	—	0.067	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.571	0.0487	pCi/L	0.16	—	Y	—	NQ	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0504	0.0171	pCi/L	0.113	—	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.327	0.0371	pCi/L	0.149	—	Y	—	NQ	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.7	—	µg/L	—	1	Y	—	NQ	2015-2208	CAMO-15-102600	GELC
R-16 S2	863.4	05/27/2011	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.0966	0.9016	pCi/L	3.0268	—	Y	U	U	11-2628	CAMO-11-10756	ARSL
R-16 S2	863.4	08/28/2007	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	0.2254	0.2898	pCi/L	0.2898	—	Y	—	U	2387	UU07080G16R201	UMTL
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.41	—	SU	—	0.01	Y	H	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	SU	—	0.01	Y	H	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00374	0.00915	pCi/L	0.0271	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0121	0.00806	pCi/L	0.0293	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.15	—	µg/L	—	2	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	4.88	—	µg/L	—	2	Y	J	J	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	53.7	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	52.1	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.7	—	µg/L	—	15	Y	J	J	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	24.6	—	µg/L	—	15	Y	J	J	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.8	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.735	0.925	pCi/L	3.22	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.47	1.09	pCi/L	3.15	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.773	0.944	pCi/L	3.84	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.227	0.946	pCi/L	3.6	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.481	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.48	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.803	0.787	pCi/L	2.87	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.33	0.969	pCi/L	2.76	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.34	0.78	pCi/L	2.3	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.96	0.796	pCi/L	2.17	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	49.5	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.966	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.96	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	45.2	—	µg/L	—	2	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	44	—	µg/L	—	2	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.49	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.52	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.88	2.07	pCi/L	7.06	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.73	2.06	pCi/L	7.68	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.402	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.4	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.372	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00219	0.00956	pCi/L	0.0388	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00409	0.00818	pCi/L	0.0361	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00658	0.00904	pCi/L	0.0424	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00204	0.00678	pCi/L	0.0395	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.72	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.67	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.22	14	pCi/L	48	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-44.8	12.9	pCi/L	46.5	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.7	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.4	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.6	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.402	1.03	pCi/L	3.89	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0542	0.96	pCi/L	3.46	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	µS/cm	—	1	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	µS/cm	—	1	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	211	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	205	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0571	0.125	pCi/L	0.472	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0159	0.131	pCi/L	0.482	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.39	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.4	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.42	—	mg/L	—	0.33	Y	J	J	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.379	—	mg/L	—	0.33	Y	J	J	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.203	—	mg/L	—	0.02	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.195	—	mg/L	—	0.02	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	2.019	1.015	pCi/L	3.161	—	Y	U	U	N3B-2019-2777	CAMO-19-182845	ARSL
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.554	0.973	pCi/L	3.107	—	Y	U	U	N3B-2019-2777	CAMO-19-182847	ARSL
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.14	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.12	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.55	0.0574	pCi/L	0.12	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.579	0.0501	pCi/L	0.0883	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0278	0.0159	pCi/L	0.102	—	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0255	0.0127	pCi/L	0.0746	—	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.55	0.0564	pCi/L	0.0961	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.379	0.0404	pCi/L	0.0705	—	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.6	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	12	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	SU	—	0.01	Y	H	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.24	—	SU	—	0.01	Y	H	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00883	0.00624	pCi/L	0.0442	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0229	0.00792	pCi/L	0.0457	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.62	—	µg/L	—	2	Y	J	J	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.66	—	µg/L	—	2	Y	J	J	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	57.4	—	µg/L	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	57.7	—	µg/L	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	26.3	—	µg/L	—	15	Y	J	J	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	26.4	—	µg/L	—	15	Y	J	J	N3B-2018-3140	CAMO-18-159850	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.2	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.104	1.85	pCi/L	3.41	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0351	0.798	pCi/L	2.91	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	mg/L	—	0.067	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	mg/L	—	0.067	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.603	0.829	pCi/L	3.47	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.152	0.838	pCi/L	3.21	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.415	—	mg/L	—	0.033	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.408	—	mg/L	—	0.033	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	2.99	0.887	pCi/L	2.25	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.67	0.869	pCi/L	2.75	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.1	1.02	pCi/L	2.88	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.26	0.747	pCi/L	2.21	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	53.4	—	mg/L	—	0.453	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54.8	—	mg/L	—	0.453	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.03	—	mg/L	—	0.11	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.06	—	mg/L	—	0.11	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	53.1	—	µg/L	—	2	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	53.1	—	µg/L	—	2	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.47	—	µg/L	—	0.2	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.5	—	µg/L	—	0.2	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.66	1.56	pCi/L	5.52	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.27	1.87	pCi/L	7.12	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.461	—	mg/L	—	0.085	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.453	—	mg/L	—	0.085	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.359	—	µg/L	—	0.05	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.387	—	µg/L	—	0.05	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0204	0.00981	pCi/L	0.028	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0118	0.0062	pCi/L	0.0252	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00185	0.00981	pCi/L	0.0449	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00785	0.00481	pCi/L	0.0398	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.92	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.97	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	18.6	15.7	pCi/L	27.7	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.5	18.9	pCi/L	30.2	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.1	—	mg/L	—	0.053	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.4	—	mg/L	—	0.053	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.4	—	mg/L	—	0.1	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	15.7	—	mg/L	—	0.1	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.187	0.751	pCi/L	2.91	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.253	1.25	pCi/L	3.27	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	µS/cm	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	µS/cm	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	227	—	µg/L	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	233	—	µg/L	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00257	0.0745	pCi/L	0.257	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0352	0.12	pCi/L	0.416	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.57	—	mg/L	—	0.133	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.54	—	mg/L	—	0.133	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	mg/L	—	3.4	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	mg/L	—	3.4	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.548	—	mg/L	—	0.33	Y	J	J	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.518	—	mg/L	—	0.33	Y	J	J	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.109	—	mg/L	—	0.02	Y	—	U	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.117	—	mg/L	—	0.02	Y	—	U	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-1.196	0.875	pCi/L	2.991	—	Y	U	U	N3B-2018-3294	CAMO-18-159851	ARSL
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.614	0.79	pCi/L	2.708	—	Y	U	U	N3B-2018-3294	CAMO-18-159908	ARSL

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.22	—	µg/L	—	0.067	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.19	—	µg/L	—	0.067	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.59	0.0591	pCi/L	0.153	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.628	0.0592	pCi/L	0.151	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0559	0.0213	pCi/L	0.146	—	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0226	0.0152	pCi/L	0.144	—	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.484	0.0515	pCi/L	0.106	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.455	0.0504	pCi/L	0.105	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	µg/L	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	µg/L	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	SU	—	0.01	Y	H	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.3	—	mg/L	—	1.45	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0153	0.00788	pCi/L	0.0374	—	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.17	—	µg/L	—	2	Y	J	J	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	54.7	—	µg/L	—	1	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.2	—	µg/L	—	15	Y	J	J	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.5	—	mg/L	—	0.05	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.33	1.35	pCi/L	4.66	—	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	mg/L	—	0.067	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.16	1.15	pCi/L	4.89	—	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	mg/L	—	0.033	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.67	1.86	pCi/L	2.9	—	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.92	0.911	pCi/L	2.07	—	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	53.2	—	mg/L	—	0.453	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.1	—	mg/L	—	0.11	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	54.1	—	µg/L	—	2	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.52	—	µg/L	—	0.2	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.75	1.9	pCi/L	7.42	—	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.447	—	mg/L	—	0.017	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	µg/L	—	0.05	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00447	0.00836	pCi/L	0.0539	—	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0268	0.0138	pCi/L	0.0587	—	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.8	—	mg/L	—	0.05	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.01	14.8	pCi/L	64.2	—	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.5	—	mg/L	—	0.053	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	mg/L	—	0.1	Y	E	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.782	1.26	pCi/L	5.08	—	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	µS/cm	—	1	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	236	—	µg/L	—	1	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0387	0.133	pCi/L	0.494	—	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	mg/L	—	0.133	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	mg/L	—	3.4	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.506	—	mg/L	—	0.33	Y	J	J	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.113	—	mg/L	—	0.02	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	17.276	2.764	pCi/L	2.318	—	Y	—	J-	2017-2314	CAMO-17-142062	ARSL
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.24	—	µg/L	—	0.067	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.718	0.038	pCi/L	0.0457	—	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0647	0.0133	pCi/L	0.0387	—	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.434	0.0298	pCi/L	0.0378	—	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.7	—	µg/L	—	1	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	SU	—	0.01	Y	H	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.3	—	mg/L	—	1.45	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00237	0.0119	pCi/L	0.0344	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.31	—	µg/L	—	1.7	Y	J	J	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	53.1	—	µg/L	—	1	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.6	—	µg/L	—	15	Y	J	J	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.5	—	mg/L	—	0.05	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.152	1.6	pCi/L	5.86	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	mg/L	—	0.067	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.07	1.52	pCi/L	5.59	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.291	—	mg/L	—	0.033	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.367	0.792	pCi/L	2.89	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.93	0.31	pCi/L	0.916	—	Y	—	NQ	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	53	—	mg/L	—	0.453	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.08	—	mg/L	—	0.11	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	56.8	—	µg/L	—	2	Y	—	NQ	2016-1931	CAMO-16-124289	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.49	—	µg/L	—	0.165	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.229	2.74	pCi/L	9.92	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.43	—	mg/L	—	0.017	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	µg/L	—	0.05	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0043	0.0068	pCi/L	0.0342	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0129	0.0086	pCi/L	0.0396	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.86	—	mg/L	—	0.05	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	24.6	15.5	pCi/L	71.6	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.8	—	mg/L	—	0.053	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.2	—	mg/L	—	0.1	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.36	1.51	pCi/L	6.53	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	µS/cm	—	3.63	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	223	—	µg/L	—	1	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.368	0.126	pCi/L	0.498	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.52	—	mg/L	—	0.133	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	mg/L	—	3.4	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.524	—	mg/L	—	0.33	Y	J	J	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.141	—	mg/L	—	0.02	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.3	—	µg/L	—	0.067	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.673	0.0449	pCi/L	0.0868	—	Y	—	NQ	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0179	0.0129	pCi/L	0.0778	—	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.389	0.0341	pCi/L	0.0698	—	Y	—	NQ	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.4	—	µg/L	—	1	Y	—	NQ	2016-1931	CAMO-16-124289	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	SU	—	0.01	Y	H	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	SU	—	0.01	Y	H	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.3	—	mg/L	—	0.725	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.4	—	mg/L	—	0.725	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00754	0.0135	pCi/L	0.0404	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0135	0.0111	pCi/L	0.0363	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	4.59	—	µg/L	—	1.7	Y	J	J	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.62	—	µg/L	—	1.7	Y	J	J	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	55.2	—	µg/L	—	1	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	54.9	—	µg/L	—	1	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	36	—	µg/L	—	15	Y	J	J	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	36.2	—	µg/L	—	15	Y	J	J	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.9	—	mg/L	—	0.05	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.9	—	mg/L	—	0.05	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.00346	1.15	pCi/L	3.99	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.36	1.13	pCi/L	4.23	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	mg/L	—	0.067	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	mg/L	—	0.067	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.661	0.9	pCi/L	3.57	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.29	1.17	pCi/L	4.67	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.42	—	mg/L	—	0.033	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.402	—	mg/L	—	0.033	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.46	0.918	pCi/L	2.95	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.455	0.799	pCi/L	2.84	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.78	0.825	pCi/L	2.53	—	Y	—	NQ	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	5.87	1.14	pCi/L	2.93	—	Y	—	NQ	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54.7	—	mg/L	—	0.453	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54.8	—	mg/L	—	0.453	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.23	—	mg/L	—	0.11	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.22	—	mg/L	—	0.11	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	62.4	—	µg/L	—	2	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	62.4	—	µg/L	—	2	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.58	—	µg/L	—	0.165	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.56	—	µg/L	—	0.165	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.516	2.17	pCi/L	7.44	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.88	2.31	pCi/L	7.42	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.425	—	mg/L	—	0.017	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.427	—	mg/L	—	0.017	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.404	—	µg/L	—	0.05	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.395	—	µg/L	—	0.05	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00223	0.0067	pCi/L	0.0448	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00205	0.00459	pCi/L	0.0411	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00223	0.00499	pCi/L	0.04	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0082	0.0058	pCi/L	0.0367	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.96	—	mg/L	—	0.05	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.95	—	mg/L	—	0.05	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.17	14.7	pCi/L	53.2	—	Y	U	U	2015-2208	CAMO-15-102577	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	14.5	15.4	pCi/L	56.8	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.3	—	mg/L	—	0.053	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.1	—	mg/L	—	0.053	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	15.2	—	mg/L	—	0.1	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15	—	mg/L	—	0.1	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.588	1.31	pCi/L	3.98	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.21	1.25	pCi/L	4.69	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	µS/cm	—	1	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	µS/cm	—	1	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	217	—	µg/L	—	1	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	213	—	µg/L	—	1	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00835	0.0712	pCi/L	0.244	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.166	0.0931	pCi/L	0.306	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.59	—	mg/L	—	0.133	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	mg/L	—	0.133	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	mg/L	—	3.4	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	mg/L	—	3.4	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.474	—	mg/L	—	0.33	Y	J	J	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.462	—	mg/L	—	0.33	Y	J	J	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0934	—	mg/L	—	0.017	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0994	—	mg/L	—	0.017	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.53	—	µg/L	—	0.067	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.51	—	µg/L	—	0.067	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.72	0.0533	pCi/L	0.153	—	Y	—	NQ	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.724	0.0546	pCi/L	0.159	—	Y	—	NQ	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0542	0.018	pCi/L	0.108	—	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0897	0.022	pCi/L	0.112	—	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.49	0.0439	pCi/L	0.142	—	Y	—	NQ	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.436	0.0432	pCi/L	0.147	—	Y	—	NQ	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.4	—	µg/L	—	1	Y	—	NQ	2015-2208	CAMO-15-102601	GELC
R-16 S4	1237.0	08/19/2015	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	13.4	—	µg/L	—	1	Y	—	NQ	2015-2208	CAMO-15-102560	GELC
R-16 S4	1237.0	11/17/2010	WG	UF	RE	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.0626	0.7406	pCi/L	2.415	—	Y	U	U	11-748	CAMO-11-1308	ARSL
R-16 S4	1237.0	11/17/2010	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	3.542	1.1914	pCi/L	2.415	—	N	—	R	11-748	CAMO-11-1308	ARSL
R-16 S4	1237.0	08/29/2007	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	-0.2254	0.2898	pCi/L	0.2898	—	Y	—	U	2387	UU07080G16R401	UMTL
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0143	0.0195	pCi/L	0.0518	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4	—	µg/L	—	2	Y	J	J	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	66.5	—	µg/L	—	1	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20	—	µg/L	—	15	Y	J	J	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.6	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.555	1.64	pCi/L	5.77	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.33	—	µg/L	—	3	Y	J	J	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.88	1.63	pCi/L	5.96	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.22	0.959	pCi/L	2.76	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.73	0.98	pCi/L	2.76	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.2	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.825	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.13	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.79	2.7	pCi/L	9.36	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00555	0.00785	pCi/L	0.0491	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0111	0.00877	pCi/L	0.0536	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.46	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.8	18.6	pCi/L	64.5	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.5	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.3	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.53	1.23	pCi/L	5.65	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	203	—	µg/L	—	1	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.202	0.105	pCi/L	0.374	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.238	0.974	pCi/L	3.164	—	Y	U*	UJ	N3B-2019-2463	CAMO-19-182849	ARSL
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.17	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.652	0.0645	pCi/L	0.136	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0169	0.0166	pCi/L	0.114	—	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.367	0.0479	pCi/L	0.108	—	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.2	—	µg/L	—	1	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.016	0.00758	pCi/L	0.0457	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.5	—	µg/L	—	2	Y	J	J	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	62.3	—	µg/L	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.7	—	µg/L	—	15	Y	J	J	N3B-2018-3140	CAMO-18-159853	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.6	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.159	1.26	pCi/L	4.52	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.4	—	µg/L	—	3	Y	J	J	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0902	1.11	pCi/L	4.36	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.34	0.621	pCi/L	1.65	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.83	0.652	pCi/L	2.06	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54.7	—	mg/L	—	0.453	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.789	—	mg/L	—	0.11	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	µg/L	—	0.2	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.5	1.98	pCi/L	7.61	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0152	0.00971	pCi/L	0.0244	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.00687	pCi/L	0.0386	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.3	—	mg/L	—	0.05	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.38	15.2	pCi/L	60.3	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.4	—	mg/L	—	0.053	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.6	—	mg/L	—	0.1	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.25	1.47	pCi/L	4.6	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	193	—	µg/L	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0511	0.0757	pCi/L	0.267	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-1.087	0.803	pCi/L	2.745	—	Y	U	U	N3B-2018-3294	CAMO-18-159854	ARSL
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.14	—	µg/L	—	0.067	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.743	0.0663	pCi/L	0.162	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0311	0.0196	pCi/L	0.154	—	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.404	0.0504	pCi/L	0.112	—	Y	—	NQ	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.5	—	µg/L	—	1	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00379	0.00757	pCi/L	0.0324	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.38	—	µg/L	—	2	Y	J	J	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	58	—	µg/L	—	1	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.3	—	µg/L	—	15	Y	J	J	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.8	—	mg/L	—	0.05	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.216	1.75	pCi/L	5.58	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.42	—	µg/L	—	3	Y	J	J	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.93	1.56	pCi/L	6.47	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.49	0.61	pCi/L	1.86	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.36	0.69	pCi/L	1.71	—	Y	—	NQ	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	49.9	—	mg/L	—	0.453	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.713	—	mg/L	—	0.11	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.1	—	µg/L	—	0.2	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.36	2.48	pCi/L	8.17	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0142	0.00751	pCi/L	0.0573	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00237	0.00712	pCi/L	0.0623	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.15	—	mg/L	—	0.05	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.08	19.4	pCi/L	72.5	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	38.9	—	mg/L	—	0.053	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15	—	mg/L	—	0.1	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.33	1.54	pCi/L	4.82	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	184	—	µg/L	—	1	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0404	0.134	pCi/L	0.482	—	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-0.544	0.683	pCi/L	2.337	—	Y	U	U	2017-2314	CAMO-17-142063	ARSL
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.16	—	µg/L	—	0.067	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.812	0.042	pCi/L	0.049	—	Y	—	NQ	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0694	0.0148	pCi/L	0.0415	—	Y	—	NQ	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.434	0.031	pCi/L	0.0405	—	Y	—	NQ	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.7	—	µg/L	—	1	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00851	0.0124	pCi/L	0.0439	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.31	—	µg/L	—	1.7	Y	J	J	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	60	—	µg/L	—	1	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.4	—	µg/L	—	15	Y	J	J	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19	—	mg/L	—	0.05	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.28	1.43	pCi/L	4.82	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	6.45	—	µg/L	—	2	Y	J	J	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.584	1.28	pCi/L	4.85	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.65	0.886	pCi/L	2.8	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.68	0.57	pCi/L	1.8	—	Y	—	NQ	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50.5	—	mg/L	—	0.453	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.723	—	mg/L	—	0.11	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.991	—	µg/L	—	0.165	Y	—	NQ	2016-1931	CAMO-16-124290	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.16	2.74	pCi/L	9.48	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0152	0.00655	pCi/L	0.0269	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000253	0.00756	pCi/L	0.0311	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.16	—	mg/L	—	0.05	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.91	17.5	pCi/L	71.2	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.5	—	mg/L	—	0.053	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.6	—	mg/L	—	0.1	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.921	1.2	pCi/L	4.42	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	181	—	µg/L	—	1	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.179	0.116	pCi/L	0.48	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.2	—	µg/L	—	0.067	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.692	0.0357	pCi/L	0.0537	—	Y	—	NQ	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0111	0.00735	pCi/L	0.0481	—	Y	U	U	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.384	0.0265	pCi/L	0.0432	—	Y	—	NQ	2016-1931	CAMO-16-124266	GELC
R-16r	600.0	08/04/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.1	—	µg/L	—	1	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000111	0.00627	pCi/L	0.0356	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.63	—	µg/L	—	1.7	Y	J	J	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	63.1	—	µg/L	—	1	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.8	—	µg/L	—	15	Y	J	J	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.2	—	mg/L	—	0.05	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.7	1.33	pCi/L	4.06	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.66	—	µg/L	—	2	Y	J	J	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.15	1.03	pCi/L	3.47	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.409	0.736	pCi/L	2.82	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.9	0.933	pCi/L	2.73	—	Y	—	NQ	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54	—	mg/L	—	0.453	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.849	—	mg/L	—	0.11	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.11	—	µg/L	—	0.165	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.19	2.26	pCi/L	7.96	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00228	0.0109	pCi/L	0.0457	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00684	0.0131	pCi/L	0.0408	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.41	—	mg/L	—	0.05	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.7	21.3	pCi/L	38.8	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.4	—	mg/L	—	0.053	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.3	—	mg/L	—	0.1	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	1.24	pCi/L	4.25	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	187	—	µg/L	—	1	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.127	0.144	pCi/L	0.491	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.33	—	µg/L	—	0.067	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.777	0.0535	pCi/L	0.141	—	Y	—	NQ	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.084	0.02	pCi/L	0.0996	—	Y	U	U	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.425	0.0398	pCi/L	0.131	—	Y	—	NQ	2015-2166	CAMO-15-102578	GELC
R-16r	600.0	08/14/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.9	—	µg/L	—	1	Y	—	NQ	2015-2166	CAMO-15-102602	GELC
R-16r	600.0	05/04/2009	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0	0.2898	pCi/L	0.2898	—	Y	U	U	09-1741	CAMO-09-8194	UMTL
R-16r	600.0	02/13/2009	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.161	0.2898	pCi/L	0.2898	—	Y	U	U	09-916	CAMO-09-2621	UMTL
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.51	—	SU	—	0.01	Y	H	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.78	—	mg/L	—	1.45	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.5	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00888	0.0047	pCi/L	0.0356	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.029	—	mg/L	—	0.017	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.31	—	µg/L	—	2	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.8	—	µg/L	—	1	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.1	—	µg/L	—	15	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.7	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.601	1.32	pCi/L	3.98	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.72	—	mg/L	—	0.067	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.57	—	µg/L	—	3	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.62	1.39	pCi/L	4.65	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.503	—	mg/L	—	0.033	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.274	0.775	pCi/L	2.91	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.38	0.803	pCi/L	2.37	—	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	56	—	mg/L	—	0.453	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.11	—	mg/L	—	0.11	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.12	—	µg/L	—	0.2	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.65	2.83	pCi/L	7.77	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.465	—	mg/L	—	0.017	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	µg/L	—	0.05	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0163	0.00698	pCi/L	0.0422	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00698	0.00839	pCi/L	0.041	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.75	—	mg/L	—	0.05	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16	17.5	pCi/L	60.2	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0233	0.096	pCi/L	0.376	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0433	0.159	pCi/L	—	—	Y	—	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0201	0.127	pCi/L	0.475	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72	—	mg/L	—	0.053	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.24	1.27	pCi/L	4.9	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	µS/cm	—	1	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	58.5	—	µg/L	—	1	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.233	0.149	pCi/L	0.493	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3	—	mg/L	—	0.133	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	mg/L	—	3.4	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.113	—	mg/L	—	0.02	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.045	0.87	pCi/L	2.946	—	Y	U	U	N3B-2020-333	CAMO-20-189292	ARSL
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.512	—	µg/L	—	0.067	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.314	0.0296	pCi/L	0.0536	—	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.01	0.00997	pCi/L	0.0384	—	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.177	0.023	pCi/L	0.0627	—	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7	—	µg/L	—	1	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.04	—	µg/L	—	3.3	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.45	—	SU	—	0.01	Y	H	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2	—	mg/L	—	1.45	Y	J	J	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.6	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00168	0.00921	pCi/L	0.0481	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.025	—	mg/L	—	0.017	Y	J	U	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2.72	—	µg/L	—	2	Y	J	U	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.5	—	µg/L	—	1	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.3	—	µg/L	—	15	Y	J	J	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.6	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.82	0.886	pCi/L	3.2	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.52	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.85	—	µg/L	—	3	Y	J	J	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.549	0.762	pCi/L	2.99	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.335	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.685	0.672	pCi/L	2.93	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.66	0.912	pCi/L	2.82	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54.9	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.84	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.08	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.94	1.35	pCi/L	4.55	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.482	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.368	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00596	0.00843	pCi/L	0.0517	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.0126	pCi/L	0.0569	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.4	16	pCi/L	31.4	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.12	0.901	pCi/L	3.55	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	µS/cm	—	1	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.2	—	µg/L	—	1	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.159	0.14	pCi/L	0.48	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.97	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	deg C	—	—	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0358	—	mg/L	—	0.02	Y	J	U	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	1.383	0.916	pCi/L	2.94	—	Y	U	U	N3B-2019-516	CAMO-19-164047	ARSL
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.487	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.489	0.037	pCi/L	0.0849	—	Y	—	NQ	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0247	0.0116	pCi/L	0.0823	—	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.235	0.0264	pCi/L	0.0838	—	Y	—	NQ	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.63	—	µg/L	—	1	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.47	—	µg/L	—	3.3	Y	J	J	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.45	—	SU	—	0.01	Y	H	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.63	—	mg/L	—	1.45	Y	J	J	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.6	—	mg/L	—	1.45	Y	—	NQ	2018-923	CAMO-18-147982	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00655	0.0194	pCi/L	0.0388	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0667	—	mg/L	—	0.017	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	µg/L	—	2	Y	U	U	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.2	—	µg/L	—	1	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.2	—	µg/L	—	15	Y	J	J	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	mg/L	—	0.05	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.33	1.51	pCi/L	5.52	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	mg/L	—	0.067	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.98	—	µg/L	—	3	Y	J	J	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.701	1.47	pCi/L	6.23	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	mg/L	—	0.033	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.27	0.861	pCi/L	2.89	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.101	0.776	pCi/L	2.79	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55.3	—	mg/L	—	0.453	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.61	—	mg/L	—	0.11	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.06	—	µg/L	—	0.2	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.745	2.4	pCi/L	9.04	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.476	—	mg/L	—	0.017	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	µg/L	—	0.05	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00722	0.0105	pCi/L	0.0355	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00241	0.00637	pCi/L	0.0507	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	mg/L	—	0.05	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.6	22.2	pCi/L	81.5	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.2	—	mg/L	—	0.053	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	mg/L	—	0.1	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.563	1.23	pCi/L	4.5	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	µS/cm	—	1	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.9	—	µg/L	—	1	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0179	0.115	pCi/L	0.434	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.81	—	mg/L	—	0.133	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	deg C	—	—	Y	—	NQ	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	mg/L	—	3.4	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.119	—	mg/L	—	0.02	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.336	0.715	pCi/L	2.402	—	Y	U	U	2018-930	CAMO-18-147983	ARSL
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	N	0.489	—	µg/L	—	0.067	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.301	0.0388	pCi/L	0.205	—	Y	—	NQ	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0145	0.0123	pCi/L	0.0898	—	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.204	0.0322	pCi/L	0.12	—	Y	—	NQ	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.45	—	µg/L	—	1	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/15/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.31	—	µg/L	—	3.3	Y	J	J	2018-923	CAMO-18-147982	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	SU	—	0.01	Y	H	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.02	—	mg/L	—	1.45	Y	J	J	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72	—	mg/L	—	1.45	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00439	0.0124	pCi/L	0.0326	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0423	—	mg/L	—	0.017	Y	J	J	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	µg/L	—	2	Y	U	U	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.5	—	µg/L	—	1	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.4	—	µg/L	—	15	Y	J	J	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	mg/L	—	0.05	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.203	1.5	pCi/L	5.09	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	mg/L	—	0.067	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.23	—	µg/L	—	3	Y	J	J	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.41	1.48	pCi/L	6.51	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.259	—	mg/L	—	0.033	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.53	0.727	pCi/L	2.25	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.58	0.717	pCi/L	2.19	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	55.2	—	mg/L	—	0.453	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.63	—	mg/L	—	0.11	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.918	—	µg/L	—	0.2	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.69	2.27	pCi/L	8.08	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.442	—	mg/L	—	0.017	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.332	—	µg/L	—	0.05	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0261	0.00979	pCi/L	0.0429	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00475	0.0106	pCi/L	0.0425	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	mg/L	—	0.05	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.22	16.9	pCi/L	68.5	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	mg/L	—	0.053	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	mg/L	—	0.1	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.22	1.46	pCi/L	6.68	—	Y	U	U	2017-2414	CAMO-17-142064	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	µS/cm	—	1	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.2	—	µg/L	—	1	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.033	0.108	pCi/L	0.432	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.85	—	mg/L	—	0.133	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	deg C	—	—	Y	—	NQ	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	deg C	—	—	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	mg/L	—	3.4	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	mg/L	—	0.02	Y	U	U	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	37.062	5.717	pCi/L	2.689	—	Y	—	J-	2017-2445	CAMO-17-142064	ARSL
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.395	—	µg/L	—	0.067	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.36	0.0302	pCi/L	0.0555	—	Y	—	NQ	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0436	0.0133	pCi/L	0.047	—	Y	U	U	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.191	0.0229	pCi/L	0.0459	—	Y	—	NQ	2017-2414	CAMO-17-142064	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.02	—	µg/L	—	1	Y	—	NQ	2017-2414	CAMO-17-142057	GELC
R-34	883.7	08/08/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.68	—	µg/L	—	3.3	Y	J	J	2017-2414	CAMO-17-142057	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	SU	—	0.01	Y	H	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	mg/L	—	1.45	Y	U	U	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80	—	mg/L	—	1.45	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.144	—	mg/L	—	0.017	Y	—	U	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	2	Y	U	U	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	µg/L	—	1	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.3	—	µg/L	—	15	Y	J	J	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.4	—	mg/L	—	0.05	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.59	—	mg/L	—	0.067	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.65	—	µg/L	—	3	Y	J	J	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.312	—	mg/L	—	0.033	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	52.5	—	mg/L	—	0.453	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.42	—	mg/L	—	0.11	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.9	—	µg/L	—	0.2	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.539	—	mg/L	—	0.017	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	µg/L	—	0.05	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.73	—	mg/L	—	0.05	Y	E	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	mg/L	—	0.053	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	mg/L	—	0.1	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	µS/cm	—	1	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.1	—	µg/L	—	1	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.09	—	mg/L	—	0.133	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	2017-1522	CAMO-17-132465	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	mg/L	—	3.4	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	mg/L	—	0.02	Y	U	U	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.445	—	µg/L	—	0.067	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.47	—	µg/L	—	1	Y	—	NQ	2017-1522	CAMO-17-132463	GELC
R-34	883.7	05/12/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10	—	µg/L	—	3.3	Y	U	U	2017-1522	CAMO-17-132463	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00857	0.00606	pCi/L	0.0534	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.46	1.1	pCi/L	3.45	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.225	1.1	pCi/L	4.32	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0744	0.719	pCi/L	2.94	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.36	0.26	pCi/L	0.775	—	Y	—	NQ	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.15	1.78	pCi/L	6.42	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00302	0.00676	pCi/L	0.07	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00302	0.00799	pCi/L	0.0529	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.9	14.5	pCi/L	52.1	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.197	1.06	pCi/L	4.04	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.175	0.132	pCi/L	0.448	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	0.484	0.668	pCi/L	2.223	—	Y	U	U	2017-542	CAMO-17-127333	ARSL
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.33	0.035	pCi/L	0.14	—	Y	—	NQ	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00857	0.00804	pCi/L	0.095	—	Y	U	U	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.16	0.0239	pCi/L	0.108	—	Y	—	NQ	2017-539	CAMO-17-127333	GELC
R-34	883.7	11/10/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.289	0.11	pCi/L	0.3	—	Y	U	U	12-323	CAMO-12-1532	GELC
R-34	883.7	11/10/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00768	0.15	pCi/L	0.54	—	Y	U	U	12-323	CAMO-12-1532	GELC
R-34	883.7	11/14/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.819	0.26	pCi/L	0.66	—	Y	—	NQ	08-182	CAMO-08-8647	GELC
R-34	883.7	11/14/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.299	0.22	pCi/L	0.72	—	Y	U	U	08-182	CAMO-08-8647	GELC
R-34	883.7	11/29/2005	WG	UF	INIT	FD	RAD	EPA:901.1	Radium-226	Ra-226	N	14.4	6.26	pCi/L	8	—	Y	UI	R	151032	GU05110G34R90	GELC
R-34	883.7	11/29/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	13.3	3.56	pCi/L	6.65	—	Y	—	R	151032	GU05110G34R01	GELC
R-34	883.7	06/07/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	14.8	2.8	pCi/L	5.23	—	Y	—	R	138259	GU05060G34R01	GELC
R-12 S1	459.0	08/29/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	39.521	6.087	pCi/L	2.824	—	Y	—	NQ	N3B-2019-3226	CASA-19-185338	ARSL
R-12 S1	459.0	07/27/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-1.439	0.813	pCi/L	2.758	—	Y	U	U	2017-2314	CASA-17-142036	ARSL
R-12 S1	459.0	08/03/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	33.436	5.149	pCi/L	2.203	—	Y	—	J-	2016-2034	CASA-16-124325	ARSL

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S1	459.0	08/18/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	42.695	6.528	pCi/L	2.228	—	Y	—	NQ	2015-2209	CASA-15-102634	ARSL
R-12 S1	459.0	07/16/2014	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	26.635	4.11	pCi/L	1.855	—	Y	—	J-	2014-3872	CASA-14-84037	ARSL
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	SU	—	0.01	Y	H	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	SU	—	0.01	Y	H	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.4	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00508	0.0119	pCi/L	0.0369	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00969	0.00969	pCi/L	0.0281	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.59	—	µg/L	—	2	Y	J	J	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.57	—	µg/L	—	2	Y	J	J	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	12.4	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	12.5	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.1	—	µg/L	—	15	Y	J	J	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	19.9	—	µg/L	—	15	Y	J	J	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	18	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0844	0.893	pCi/L	3.22	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.191	0.935	pCi/L	3.3	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.64	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.62	—	mg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.17	0.932	pCi/L	3.17	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.05	1.47	pCi/L	3.52	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.419	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.419	—	mg/L	—	0.033	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.46	0.875	pCi/L	2.84	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.957	0.824	pCi/L	2.91	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.83	0.863	pCi/L	2.7	—	Y	—	NQ	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.21	0.739	pCi/L	2.19	—	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.6	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.9	—	mg/L	—	0.453	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.58	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.61	—	mg/L	—	0.11	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	30.5	—	µg/L	—	2	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	31	—	µg/L	—	2	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.91	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.72	—	µg/L	—	0.2	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.572	1.68	pCi/L	6.03	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.47	1.69	pCi/L	5.76	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.48	—	mg/L	—	0.085	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	mg/L	—	0.017	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.877	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.848	—	µg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000256	0.00816	pCi/L	0.034	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00779	0.00551	pCi/L	0.0344	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00769	0.00666	pCi/L	0.0372	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00389	0.00778	pCi/L	0.0376	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.18	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.19	—	mg/L	—	0.05	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.25	13.6	pCi/L	49	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	29.5	23	pCi/L	40.1	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.8	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.2	—	mg/L	—	0.053	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.91	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	mg/L	—	0.1	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.674	0.825	pCi/L	3.38	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.437	0.967	pCi/L	3.44	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	µS/cm	—	1	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	µS/cm	—	1	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	69.5	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.3	—	µg/L	—	1	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.103	0.122	pCi/L	0.497	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0763	0.121	pCi/L	0.475	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.27	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.27	—	mg/L	—	0.133	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CASA-19-182765	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	deg C	—	—	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	mg/L	—	3.4	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.505	—	mg/L	—	0.33	Y	J	J	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.479	—	mg/L	—	0.33	Y	J	J	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.188	—	mg/L	—	0.02	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.165	—	mg/L	—	0.02	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	30.816	4.823	pCi/L	3.147	—	Y	—	NQ	N3B-2019-2777	CASA-19-182765	ARSL
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	23.24	3.656	pCi/L	2.566	—	Y	—	NQ	N3B-2019-2777	CASA-19-182771	ARSL
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.597	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.543	—	µg/L	—	0.067	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.262	0.0328	pCi/L	0.0793	—	Y	—	J	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.395	0.0413	pCi/L	0.0883	—	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00914	0.00825	pCi/L	0.0669	—	Y	U	U	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00504	0.00988	pCi/L	0.0745	—	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.177	0.0271	pCi/L	0.0633	—	Y	—	J	N3B-2019-2656	CASA-19-182765	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.196	0.029	pCi/L	0.0704	—	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.26	—	µg/L	—	1	Y	J	J	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	2.79	—	µg/L	—	1	Y	J	J	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	SU	—	0.01	Y	H	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.5	—	mg/L	—	1.45	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00561	0.00561	pCi/L	0.0481	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.57	—	µg/L	—	2	Y	J	J	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	12.2	—	µg/L	—	1	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.4	—	µg/L	—	15	Y	J	J	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.4	—	mg/L	—	0.05	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.157	0.864	pCi/L	3.1	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.35	—	mg/L	—	0.067	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.17	0.821	pCi/L	2.76	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.283	—	mg/L	—	0.033	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.86	0.936	pCi/L	2.85	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.24	0.963	pCi/L	2.97	—	Y	—	NQ	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.8	—	mg/L	—	0.453	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.84	—	mg/L	—	0.11	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	31.8	—	µg/L	—	2	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.68	—	µg/L	—	0.2	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.04	1.6	pCi/L	6.33	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.33	—	mg/L	—	0.017	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.838	—	µg/L	—	0.05	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00786	0.00786	pCi/L	0.0633	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0183	0.0126	pCi/L	0.0688	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.23	—	mg/L	—	0.05	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.6	19.7	pCi/L	41.5	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.9	—	mg/L	—	0.053	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.96	—	mg/L	—	0.1	Y	E	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.251	0.812	pCi/L	3.09	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	µS/cm	—	1	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.2	—	µg/L	—	1	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.197	0.146	pCi/L	0.49	—	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.34	—	mg/L	—	0.133	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	deg C	—	—	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	mg/L	—	3.4	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.44	—	mg/L	—	0.33	Y	J	J	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0366	—	mg/L	—	0.02	Y	J	J	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	N	-1.971	0.742	pCi/L	2.442	—	Y	U	U	2017-2314	CASA-17-142037	ARSL
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.538	—	µg/L	—	0.067	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.412	0.0338	pCi/L	0.0631	—	Y	—	NQ	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0761	0.0165	pCi/L	0.0534	—	Y	—	NQ	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.225	0.0262	pCi/L	0.0522	—	Y	—	J	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.51	—	µg/L	—	1	Y	J	J	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	SU	—	0.01	Y	H	NQ	2016-1902	CASA-16-124342	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	SU	—	0.01	Y	H	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	mg/L	—	1.45	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.3	—	mg/L	—	1.45	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00687	0.00512	pCi/L	0.0305	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.015	0.00774	pCi/L	0.0287	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.28	—	µg/L	—	1.7	Y	J	J	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.57	—	µg/L	—	1.7	Y	J	J	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	11.3	—	µg/L	—	1	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	11.8	—	µg/L	—	1	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16	—	µg/L	—	15	Y	J	J	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	µg/L	—	15	Y	J	J	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	mg/L	—	0.05	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.3	—	mg/L	—	0.05	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.905	1.24	pCi/L	4.43	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.344	1.34	pCi/L	4.94	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.02	—	mg/L	—	0.067	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.04	—	mg/L	—	0.067	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.488	1.46	pCi/L	5.72	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.98	1.27	pCi/L	4.1	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	mg/L	—	0.033	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	mg/L	—	0.033	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.53	0.886	pCi/L	2.83	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.305	0.343	pCi/L	1.16	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3	0.771	pCi/L	2.4	—	Y	—	NQ	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.99	0.757	pCi/L	2.43	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.2	—	mg/L	—	0.453	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.6	—	mg/L	—	0.453	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.46	—	mg/L	—	0.11	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.5	—	mg/L	—	0.11	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	29.1	—	µg/L	—	2	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	29.9	—	µg/L	—	2	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.5	—	µg/L	—	0.165	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.48	—	µg/L	—	0.165	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.667	2.44	pCi/L	8.7	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.5	2.33	pCi/L	7.81	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	—	mg/L	—	0.017	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	mg/L	—	0.017	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.817	—	µg/L	—	0.05	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.843	—	µg/L	—	0.05	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00692	0.00765	pCi/L	0.0367	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00223	0.0059	pCi/L	0.0354	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00231	0.00893	pCi/L	0.0425	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00446	0.00546	pCi/L	0.041	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.21	—	mg/L	—	0.05	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.25	—	mg/L	—	0.05	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.3	21.9	pCi/L	41.1	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	23.6	24.7	pCi/L	50	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.8	—	mg/L	—	0.053	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.6	—	mg/L	—	0.053	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	mg/L	—	0.1	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	mg/L	—	0.1	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.81	1.3	pCi/L	5.94	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.42	1.29	pCi/L	3.81	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	µS/cm	—	3.63	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	µS/cm	—	3.63	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.4	—	µg/L	—	1	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.8	—	µg/L	—	1	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.151	0.12	pCi/L	0.485	—	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.322	0.129	pCi/L	0.49	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.83	—	mg/L	—	0.133	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.85	—	mg/L	—	0.133	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	mg/L	—	3.4	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	mg/L	—	3.4	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.426	—	mg/L	—	0.33	Y	J	J	2016-1902	CASA-16-124326	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.379	—	mg/L	—	0.33	Y	J	J	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.02	—	mg/L	—	0.02	Y	J	J	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0406	—	mg/L	—	0.02	Y	J	J	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.527	—	µg/L	—	0.067	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.523	—	µg/L	—	0.067	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.347	0.0284	pCi/L	0.067	—	Y	—	NQ	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.408	0.031	pCi/L	0.0682	—	Y	—	NQ	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0637	0.0164	pCi/L	0.0601	—	Y	—	NQ	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0253	0.0123	pCi/L	0.0611	—	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.204	0.025	pCi/L	0.0539	—	Y	—	NQ	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.235	0.024	pCi/L	0.0548	—	Y	—	NQ	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.95	—	µg/L	—	1	Y	J	J	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.64	—	µg/L	—	1	Y	J	J	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	SU	—	0.01	Y	H	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	mg/L	—	0.725	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.017	0.00727	pCi/L	0.039	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.7	Y	U	U	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	11.6	—	µg/L	—	1	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.6	—	µg/L	—	15	Y	J	J	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.4	—	mg/L	—	0.05	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.07	1.14	pCi/L	4.16	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.96	—	mg/L	—	0.067	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.1	1.12	pCi/L	3.8	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.301	—	mg/L	—	0.033	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.08	0.832	pCi/L	2.87	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.14	0.823	pCi/L	2.72	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.1	—	mg/L	—	0.453	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.79	—	mg/L	—	0.11	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	29	—	µg/L	—	2	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.52	—	µg/L	—	0.165	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.587	2.22	pCi/L	7.94	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	mg/L	—	0.085	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.863	—	µg/L	—	0.05	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0115	0.00693	pCi/L	0.0463	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000154	0.0073	pCi/L	0.0413	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.3	—	mg/L	—	0.05	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21	20.3	pCi/L	41.5	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.8	—	mg/L	—	0.053	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	mg/L	—	0.1	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.509	1.12	pCi/L	2.74	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	µS/cm	—	1	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	72.7	—	µg/L	—	1	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.141	0.107	pCi/L	0.451	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.54	—	mg/L	—	0.133	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	mg/L	—	3.4	Y	—	NQ	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.462	—	mg/L	—	0.33	Y	J	J	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0171	—	mg/L	—	0.017	Y	J	J	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	N	0.485	—	µg/L	—	0.067	Y	—	U	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.334	0.037	pCi/L	0.152	—	Y	—	NQ	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0238	0.0122	pCi/L	0.107	—	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.181	0.0268	pCi/L	0.141	—	Y	—	NQ	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/18/2015	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.87	—	µg/L	—	1	Y	J	J	2015-2192	CASA-15-102649	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	SU	—	0.01	Y	H	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	mg/L	—	0.725	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0101	0.00891	pCi/L	0.0422	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	µg/L	—	1.7	Y	U	U	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	13.8	—	µg/L	—	1	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Boron	B	Y	53.3	—	µg/L	—	15	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	18.6	—	mg/L	—	0.05	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.34	1.47	pCi/L	5.57	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.59	—	mg/L	—	0.067	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.36	1.55	pCi/L	6.19	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.283	—	mg/L	—	0.033	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.219	0.592	pCi/L	2.85	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.79	0.799	pCi/L	2.5	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	mg/L	—	0.453	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	3.86	—	mg/L	—	0.11	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Manganese	Mn	Y	31.2	—	µg/L	—	2	Y	—	NQ	2013-1294	CASA-13-37019	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Events Reported in this Periodic Monitoring Report Plus Results from the Four Previous Monitoring Events if Available

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report Units	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.5	—	µg/L	—	0.165	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.41	2.44	pCi/L	8.67	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.02	—	mg/L	—	0.085	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	0.838	—	µg/L	—	0.05	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00299	0.00519	pCi/L	0.0339	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00599	0.00599	pCi/L	0.0386	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	2.34	—	mg/L	—	0.05	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	33.7	19	pCi/L	71.4	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	50.4	—	mg/L	—	0.053	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	10.3	—	mg/L	—	0.1	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.45	1.52	pCi/L	5.58	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	µS/cm	—	1	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	74.5	—	µg/L	—	1	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.144	0.135	pCi/L	0.49	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.43	—	mg/L	—	0.133	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	mg/L	—	3.4	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.63	—	mg/L	—	0.33	Y	—	NQ	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0171	—	mg/L	—	0.017	Y	J	J	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.453	—	µg/L	—	0.067	Y	—	NQ	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.293	0.025	pCi/L	0.0408	—	Y	—	NQ	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00973	0.00769	pCi/L	0.0238	—	Y	U	U	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.0182	pCi/L	0.0329	—	Y	—	NQ	2013-1294	CASA-13-37011	GELC
R-12 S2	504.5	07/22/2013	WG	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	Y	3.94	—	µg/L	—	1	Y	J	J	2013-1294	CASA-13-37019	GELC
R-12 S2	504.5	11/13/2008	WG	UF	INIT	FD	RAD	Generic:Low_Level_ Tritium	Tritium	H-3	Y	54.74	1.932	pCi/L	0.2898	—	Y	—	NQ	09-343	CASA-09-869	UMTL
R-12 S2	504.5	02/01/2006	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	Y	14.2002	0.483	pCi/L	0.2898	—	Y	—	NQ	2176	UU0601G12R201	UMTL
R-12 S2	504.5	01/28/2004	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	-18.6	69.5	pCi/L	230	—	Y	U	U	106416	GU0311G12R201	GELC
R-12 S2	504.5	01/28/2004	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	Y	60.7614	1.932	pCi/L	—	0.2898	Y	—	NQ	1844	UU0311G12R201	UMTL

Appendix D

Groundwater Results Greater Than Half of Screening Values

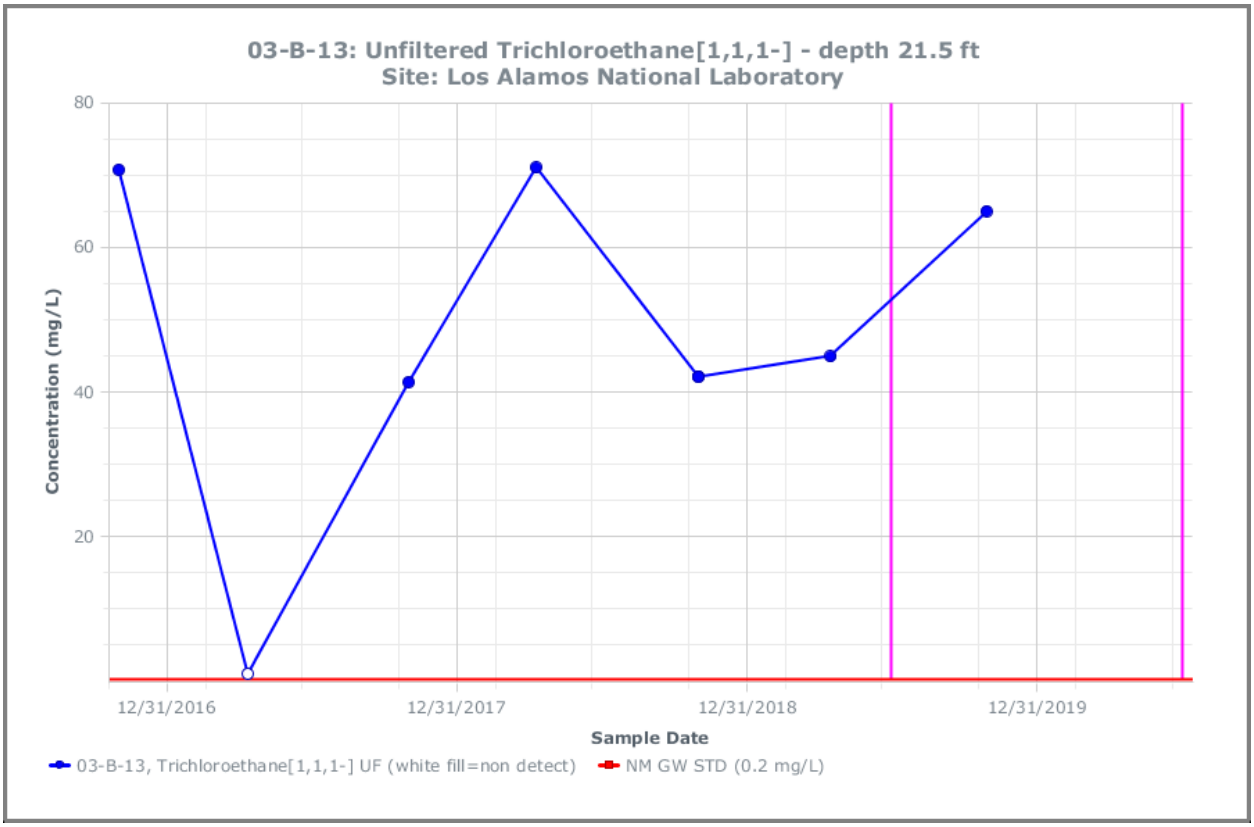
Location	Aquifer	Depth (ft)	Date	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	MDL	Report Units	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab	Action Limit	Reporting Level Code	Result per Screening Level
Lower Sandia Spring	Spring	0.0	10/09/2019	F[a]	INIT[b]	REG[c]	Inorganic	SW-846:6010C	Manganese	Mn	Y[d]	168	2.00	µg/L	1.0	—[e]	NQ[f]	NQ	Y	GELC[g]	200	NM GW STD[h]	0.84
Lower Sandia Spring	Spring	0.0	10/09/2019	UF[i]	INIT	REG	Rad[j]	EPA:900	Gross alpha	GROSSA	Y	8.86	—	pCi/L	1.0	—	NQ	NQ	Y	GELC	15	EPA MCL[k]	0.59
Sacred Spring	Spring	0.0	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	374	2.00	µg/L	1.0	—	NQ	NQ	Y	GELC	200	NM GW STD	1.87
Upper La Mesita	Spring	0.0	10/07/2019	UF	INIT	FD[l]	Rad	EPA:900	Gross alpha	GROSSA	Y	9.44	—	pCi/L	1.0	—	NQ	NQ	Y	GELC	15	EPA MCL	0.63
Upper La Mesita	Spring	0.0	10/07/2019	UF	INIT	REG	Rad	EPA:900	Gross alpha	GROSSA	Y	10.4	—	pCi/L	1.0	—	NQ	NQ	Y	GELC	15	EPA MCL	0.69
18-MW-18	Alluvial	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	206	3.35	mg/L	50.0	—	NQ	NQ	Y	GELC	250	NM GW STD	0.82
18-MW-18	Alluvial	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	540	3.40	mg/L	1.0	—	J+[m]	I4a[n]	Y	GELC	1000	NM GW STD	0.54
MCO-5	Alluvial	21.0	07/22/2019	UF	INIT	REG	Rad	EPA:905.0	Strontium-90	Sr-90	Y	27.5	—	pCi/L	1.0	—	NQ	NQ	Y	GELC	8	EPA MCL	3.44
MCO-7	Alluvial	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.17	0.033	mg/L	1.0	—	NQ	NQ	Y	GELC	1.6	NM GW STD	0.73
MCO-7	Alluvial	39.0	07/22/2019	F	INIT	REG	LCMS/MS Perchlorate	SW-846:6850	Perchlorate	ClO4	Y	7.04	0.250	µg/L	5.0	—	NQ	NQ	Y	GELC	13.8	NMED A1 TAP SCRN LVL[o]	0.51
R-16 S4	Regional	1237.0	07/25/2019	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.15	2.00	µg/L	1.0	—	NQ	NQ	Y	GELC	10	NM GW STD	0.51

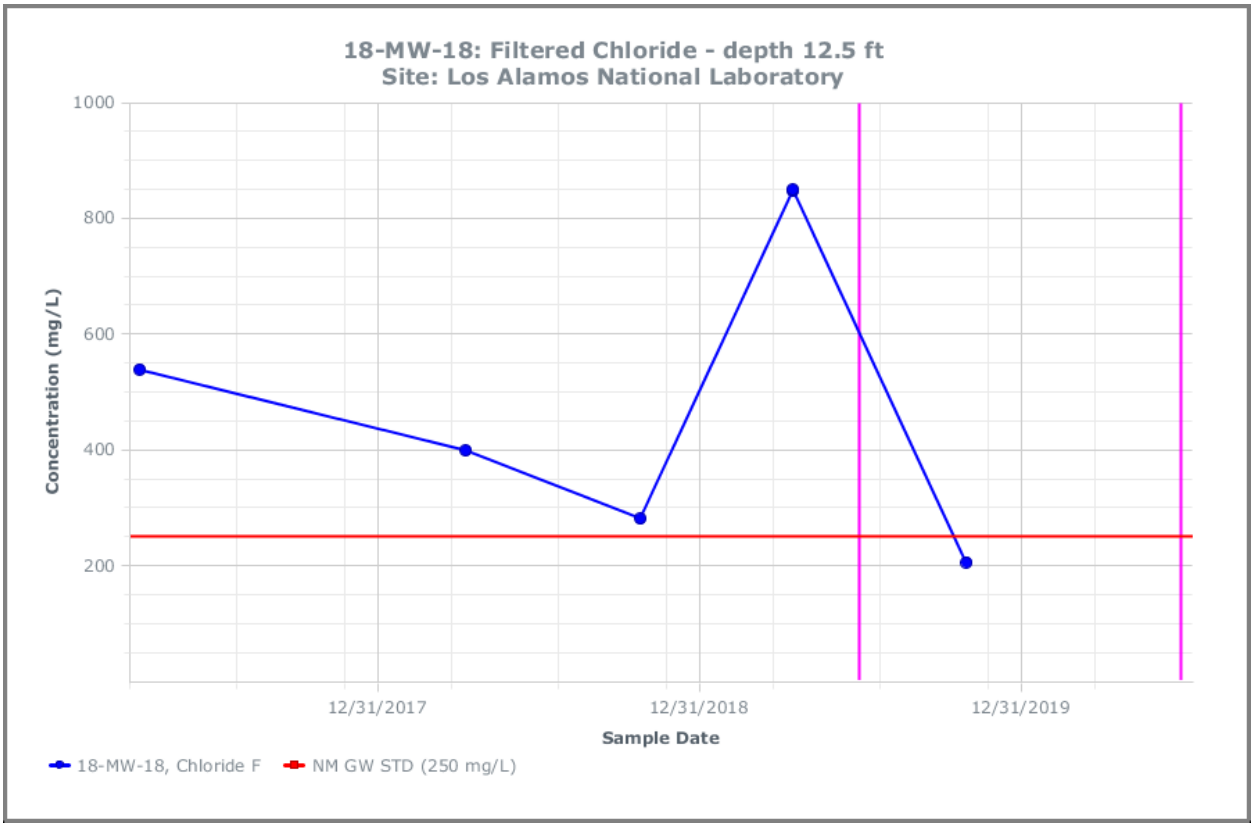
[a] F = Filtered
[b] INIT = Initial.
[c] REG = Regular.
[d] Y = Yes.
[e] — = Not applicable.
[f] NQ = Not qualified.
[g] GELC = GEL Laboratories, LLC, Division of the GEL Group, Charleston, SC.
[h] NM GW STD = New Mexico Water Quality Control Commission groundwater standard.
[i] UF = Unfiltered.
[j] Rad = Radionuclides.
[k] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.
[l] FD = Field duplicate.
[m] In this column, J+ = The associated numerical value is an estimated quantity that is higher than expected.
[n] I4a = The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was >5x.
[o] NMED A1 TAP SCRN LVL = New Mexico Environment Department screening level for tap water.

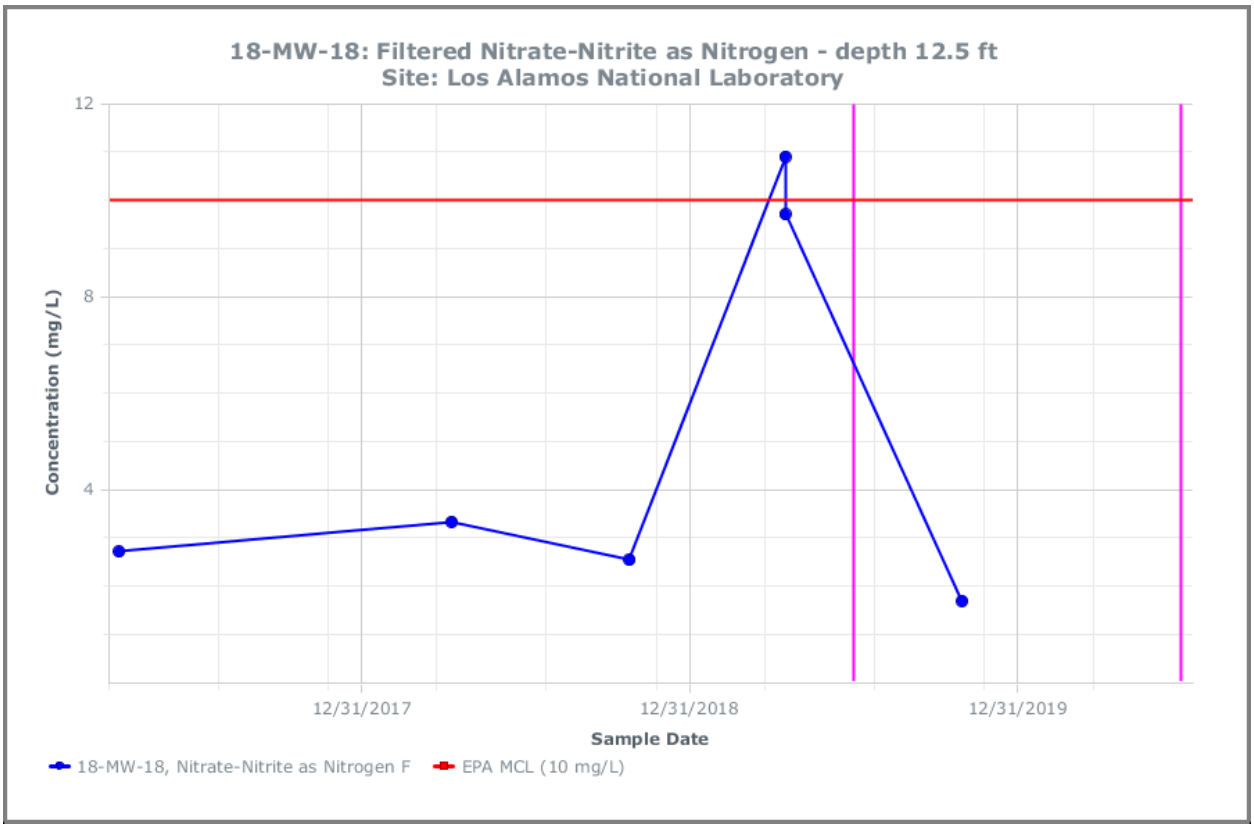
Appendix E

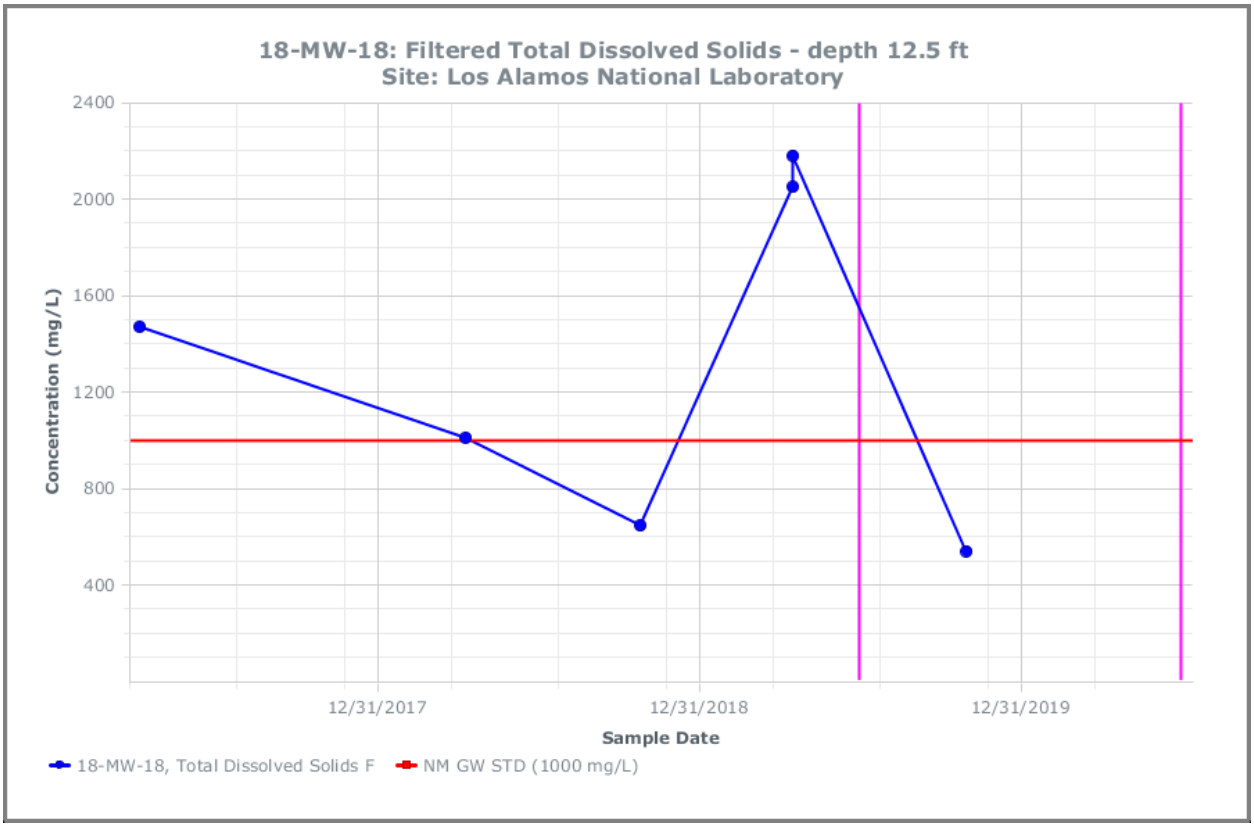
Analytical Chemistry Graphs of Screening-Value Exceedances

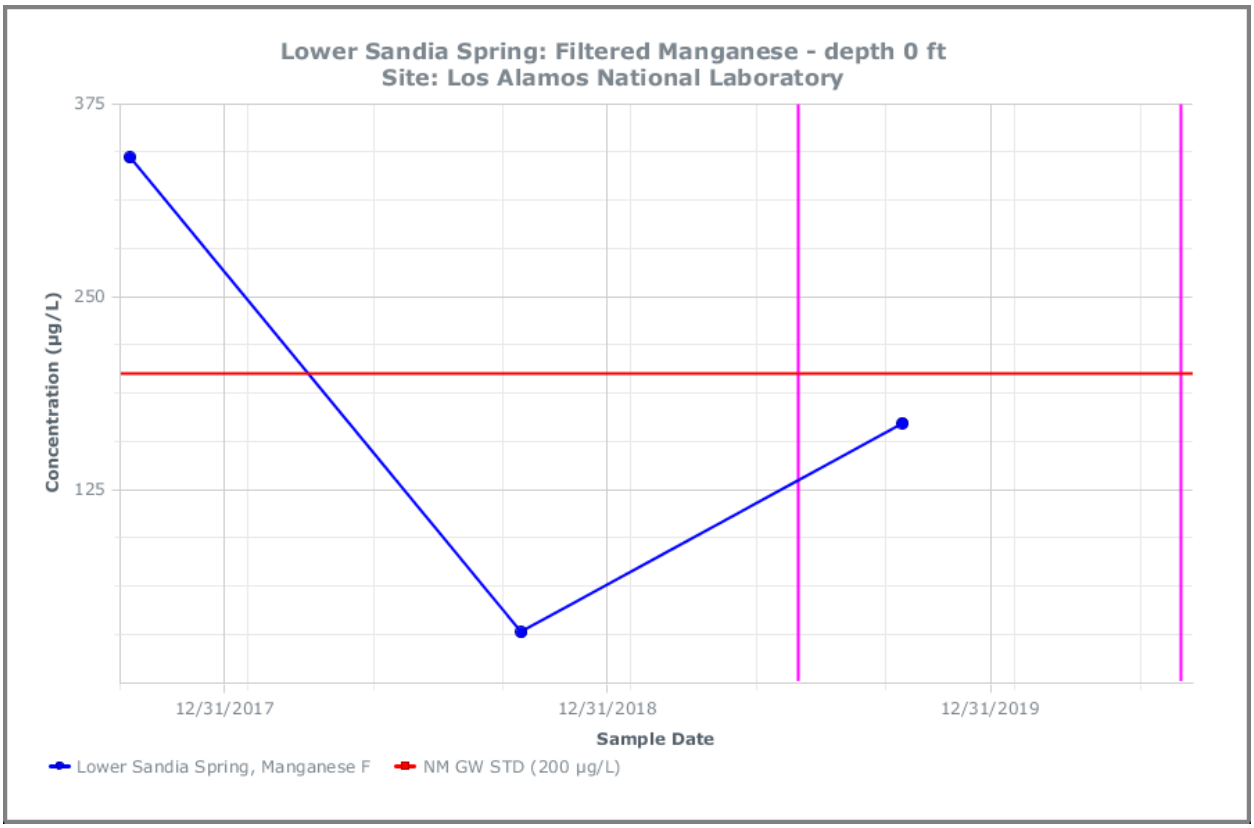
Note: The magenta vertical lines represent the period being reported in this periodic monitoring report.

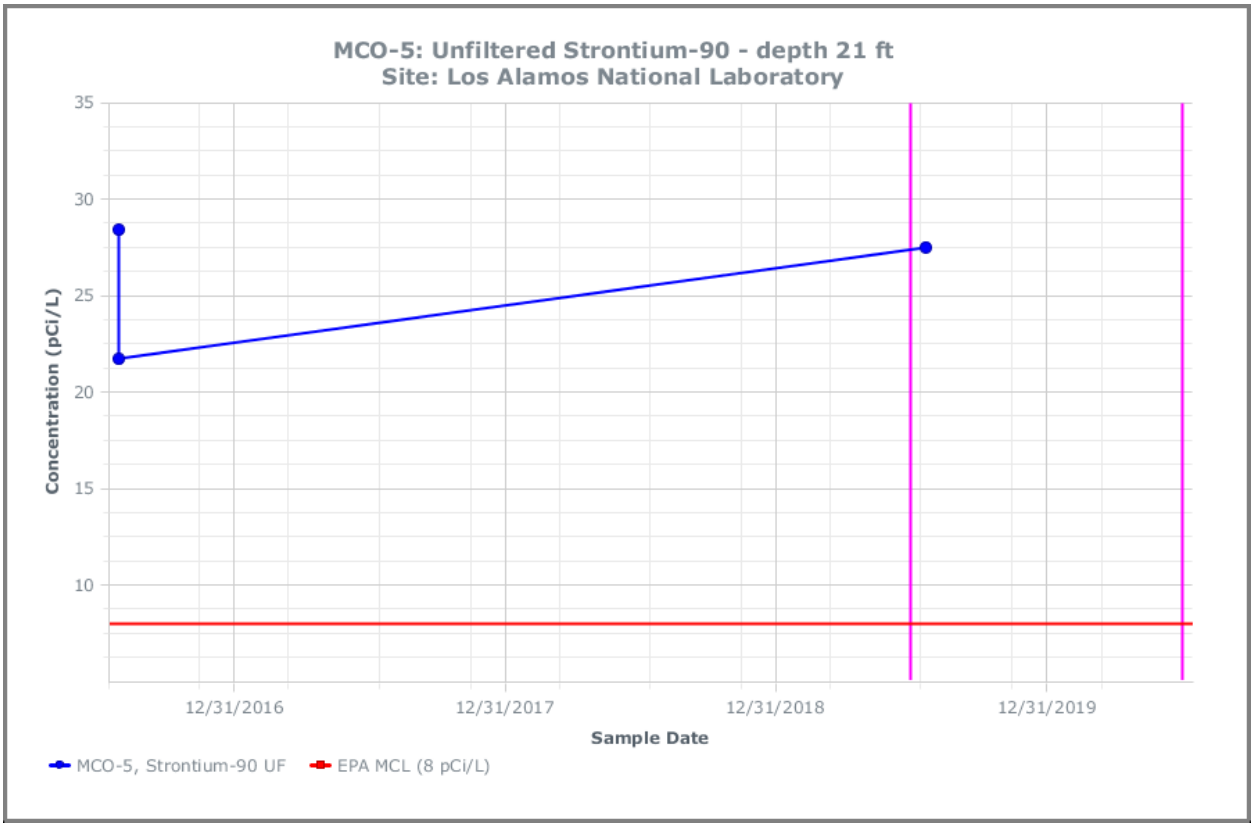


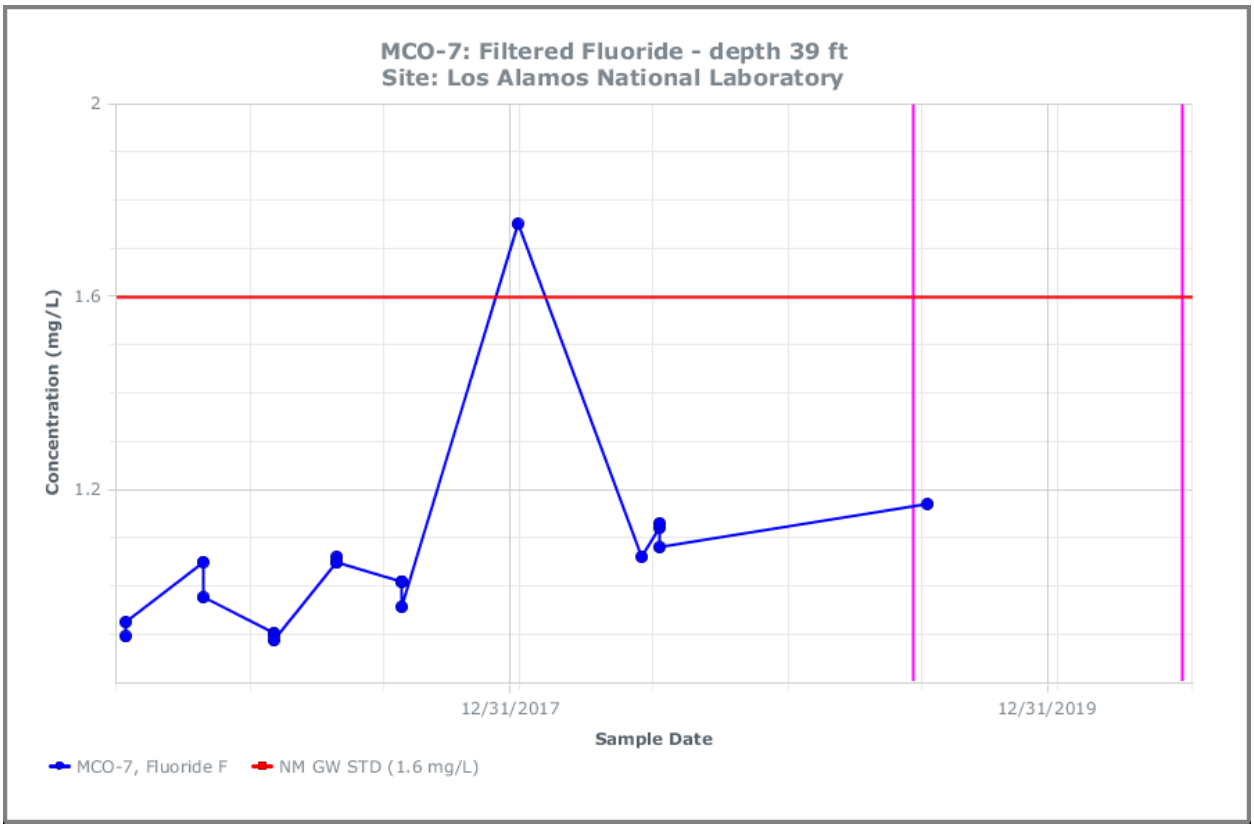


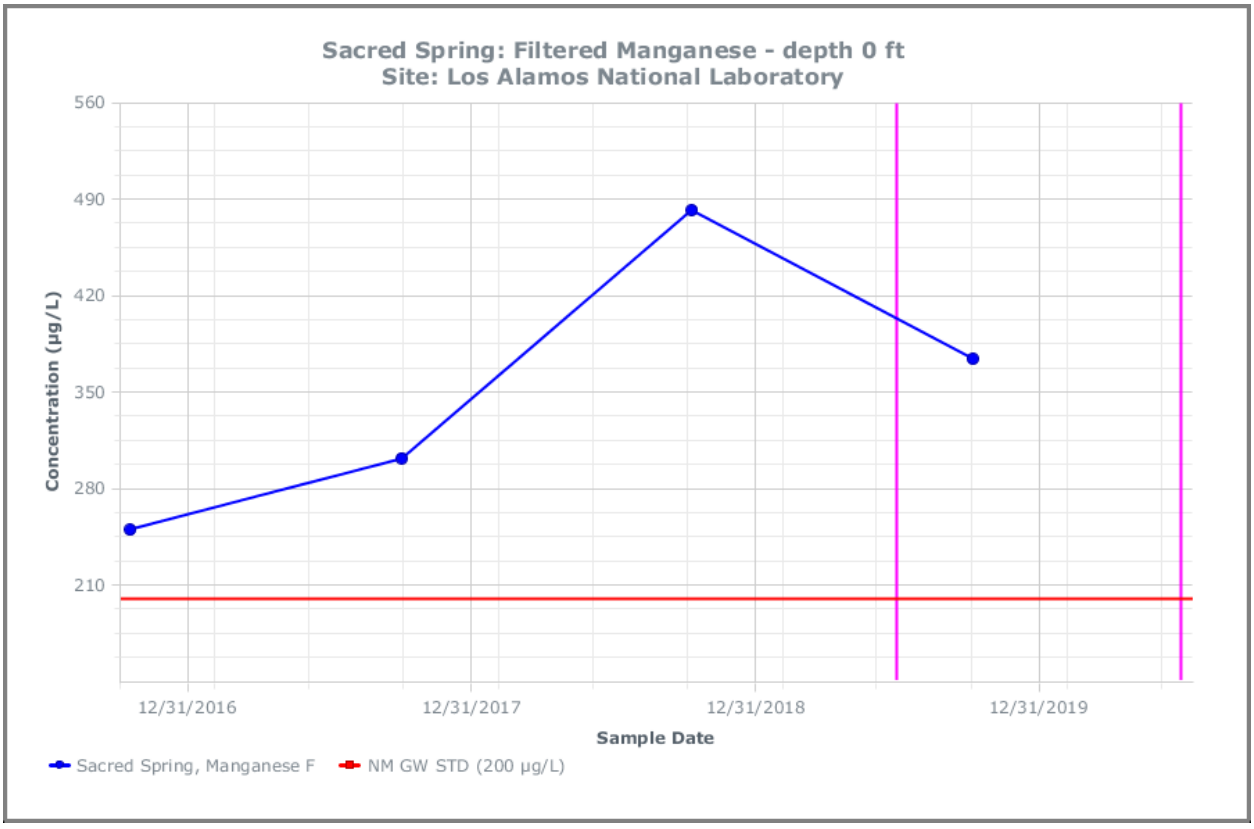

18-MW-18: Filtered Nitrate-Nitrite as Nitrogen - depth 12.5 ft
Site: Los Alamos National Laboratory
12
8
4
Concentration (mg/L)
12/31/2017
12/31/2018
12/31/2019
Sample Date
18-MW-18, Nitrate-Nitrite as Nitrogen F
EPA MCL (10 mg/L)

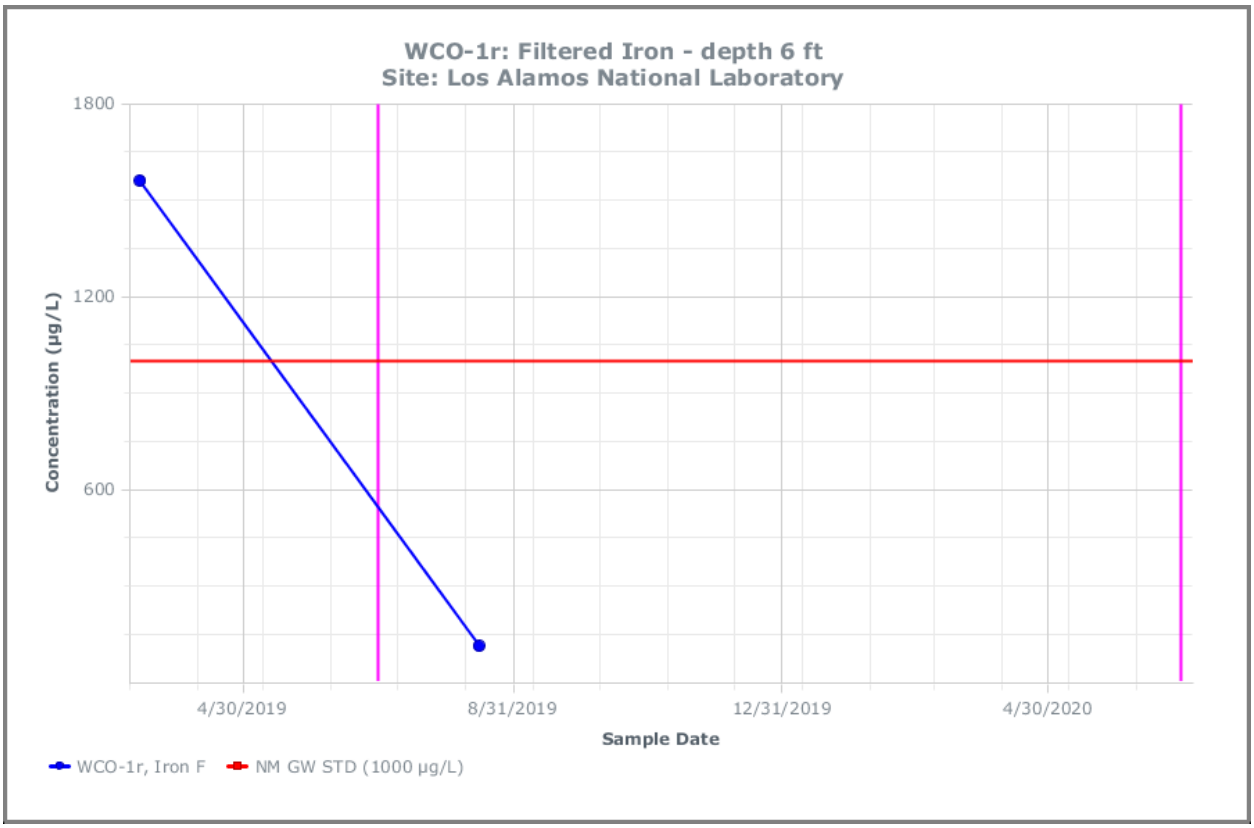

18-MW-18: Filtered Total Dissolved Solids - depth 12.5 ft
Site: Los Alamos National Laboratory
2400
2000
1600
1200
800
400
Concentration (mg/L)
12/31/2017
12/31/2018
12/31/2019
Sample Date
18-MW-18, Total Dissolved Solids F
NM GW STD (1000 mg/L)


Lower Sandia Spring: Filtered Manganese - depth 0 ft
Site: Los Alamos National Laboratory
375
250
125
Concentration (µg/L)
12/31/2017
12/31/2018
12/31/2019
Sample Date
Lower Sandia Spring, Manganese F
NM GW STD (200 µg/L)


MCO-5: Unfiltered Strontium-90 - depth 21 ft
Site: Los Alamos National Laboratory
35
30
25
20
15
10
Concentration (pCi/L)
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
MCO-5, Strontium-90 UF
EPA MCL (8 pCi/L)


MCO-7: Filtered Fluoride - depth 39 ft
Site: Los Alamos National Laboratory
Concentration (mg/L)
2
1.6
1.2
12/31/2017
12/31/2019
Sample Date
MCO-7, Fluoride F
NM GW STD (1.6 mg/L)


Sacred Spring: Filtered Manganese - depth 0 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
560
490
420
350
280
210
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
Sacred Spring, Manganese F
NM GW STD (200 µg/L)


WCO-1r: Filtered Iron - depth 6 ft
Site: Los Alamos National Laboratory
1800
1200
600
Concentration (µg/L)
4/30/2019
8/31/2019
12/31/2019
4/30/2020
Sample Date
WCO-1r, Iron F
NM GW STD (1000 µg/L)

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2019-2459	Inorganic	GELC[a]	CAMO-19-182830	07/10/2019	R-16 S2	863.4	870.9
N3B-2019-2459	Inorganic	GELC	CAMO-19-182831	07/10/2019	R-16 S2	863.4	870.9
N3B-2019-2459	Inorganic	GELC	CAMO-19-182848	07/10/2019	R-16r	600.0	617.6
N3B-2019-2459	Inorganic	GELC	CAMO-19-182849	07/10/2019	R-16r	600.0	617.6
N3B-2019-2459	Rad[b]	GELC	CAMO-19-182831	07/10/2019	R-16 S2	863.4	870.9
N3B-2019-2459	Rad	GELC	CAMO-19-182849	07/10/2019	R-16r	600.0	617.6
N3B-2019-2463	Rad	ARSL[c]	CAMO-19-182831	07/10/2019	R-16 S2	863.4	870.9
N3B-2019-2463	Rad	ARSL	CAMO-19-182849	07/10/2019	R-16r	600.0	617.6
N3B-2019-2613	Inorganic	GELC	CAMO-19-182773	07/22/2019	MCO-5	21.0	46.0
N3B-2019-2613	Inorganic	GELC	CAMO-19-182774	07/22/2019	MCO-5	21.0	46.0
N3B-2019-2613	Inorganic	GELC	CAMO-19-182826	07/22/2019	MCO-7	39.0	69.0
N3B-2019-2613	Inorganic	GELC	CAMO-19-182827	07/22/2019	MCO-7	39.0	69.0
N3B-2019-2613	Organic	GELC	CAMO-19-182827	07/22/2019	MCO-7	39.0	69.0
N3B-2019-2613	Rad	GELC	CAMO-19-182774	07/22/2019	MCO-5	21.0	46.0
N3B-2019-2613	Rad	GELC	CAMO-19-182827	07/22/2019	MCO-7	39.0	69.0
N3B-2019-2656	Inorganic	GELC	CASA-19-182764	07/25/2019	R-12 S2	504.5	508.0
N3B-2019-2656	Inorganic	GELC	CASA-19-182765	07/25/2019	R-12 S2	504.5	508.0
N3B-2019-2656	Inorganic	GELC	CASA-19-182770	07/25/2019	R-12 S2	504.5	508.0
N3B-2019-2656	Inorganic	GELC	CASA-19-182771	07/25/2019	R-12 S2	504.5	508.0
N3B-2019-2656	Inorganic	GELC	CAMO-19-182844	07/25/2019	R-16 S4	1237.0	1244.6
N3B-2019-2656	Inorganic	GELC	CAMO-19-182845	07/25/2019	R-16 S4	1237.0	1244.6
N3B-2019-2656	Inorganic	GELC	CAMO-19-182846	07/25/2019	R-16 S4	1237.0	1244.6
N3B-2019-2656	Inorganic	GELC	CAMO-19-182847	07/25/2019	R-16 S4	1237.0	1244.6
N3B-2019-2656	Rad	GELC	CASA-19-182765	07/25/2019	R-12 S2	504.5	508.0
N3B-2019-2656	Rad	GELC	CASA-19-182771	07/25/2019	R-12 S2	504.5	508.0
N3B-2019-2656	Rad	GELC	CAMO-19-182845	07/25/2019	R-16 S4	1237.0	1244.6

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Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2019-2656	Rad	GELC	CAMO-19-182847	07/25/2019	R-16 S4	1237.0	1244.6
N3B-2019-2777	Rad	ARSL	CAMO-19-182774	07/22/2019	MCO-5	21.0	46.0
N3B-2019-2777	Rad	ARSL	CAMO-19-182827	07/22/2019	MCO-7	39.0	69.0
N3B-2019-2777	Rad	ARSL	CASA-19-182765	07/25/2019	R-12 S2	504.5	508.0
N3B-2019-2777	Rad	ARSL	CASA-19-182771	07/25/2019	R-12 S2	504.5	508.0
N3B-2019-2777	Rad	ARSL	CAMO-19-182845	07/25/2019	R-16 S4	1237.0	1244.6
N3B-2019-2777	Rad	ARSL	CAMO-19-182847	07/25/2019	R-16 S4	1237.0	1244.6
N3B-2019-3032	Inorganic	GELC	CAWA-19-184000	08/16/2019	WCO-1r	6.0	16.0
N3B-2019-3032	Inorganic	GELC	CAWA-19-184001	08/16/2019	WCO-1r	6.0	16.0
N3B-2019-3032	Organic	GELC	CAWA-19-184000	08/16/2019	WCO-1r	6.0	16.0
N3B-2019-3032	Rad	GELC	CAWA-19-184000	08/16/2019	WCO-1r	6.0	16.0
N3B-2019-3226	Rad	ARSL	CASA-19-185338	08/29/2019	R-12 S1	459.0	467.5
N3B-2020-12	Organic	SwRI[d]	CAWR-20-188068	10/01/2019	Spring 3	0.0	0.0
N3B-2020-12	Organic	SwRI	CAWR-20-188069	10/01/2019	Spring 3A	0.0	0.0
N3B-2020-12	Organic	SwRI	CAWR-20-188070	10/01/2019	Spring 3AA	0.0	0.0
N3B-2020-12	Organic	SwRI	CAWR-20-188071	10/01/2019	Spring 4	0.0	0.0
N3B-2020-12	Organic	SwRI	CAWR-20-188072	10/01/2019	Spring 4A	0.0	0.0
N3B-2020-12	Organic	SwRI	CAWR-20-188073	10/01/2019	Spring 4AA	0.0	0.0
N3B-2020-16	Organic	GELC	CAWR-20-188069	10/01/2019	Spring 3A	0.0	0.0
N3B-2020-16	Organic	GELC	CAWR-20-188072	10/01/2019	Spring 4A	0.0	0.0
N3B-2020-16	Organic	GELC	CAWR-20-188073	10/01/2019	Spring 4AA	0.0	0.0
N3B-2020-16	Organic	GELC	CAWR-20-188075	10/02/2019	Spring 5	0.0	0.0
N3B-2020-16	Organic	GELC	CAWR-20-188081	10/02/2019	Spring 8A	0.0	0.0
N3B-2020-19	Inorganic	GELC	CAWR-20-188072	10/01/2019	Spring 4A	0.0	0.0
N3B-2020-19	Inorganic	GELC	CAWR-20-188073	10/01/2019	Spring 4AA	0.0	0.0
N3B-2020-19	Inorganic	GELC	CAWR-20-188075	10/02/2019	Spring 5	0.0	0.0

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Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-19	Inorganic	GELC	CAWR-20-188081	10/02/2019	Spring 8A	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188068	10/01/2019	Spring 3	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188070	10/01/2019	Spring 3AA	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188072	10/01/2019	Spring 4A	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188073	10/01/2019	Spring 4AA	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188075	10/02/2019	Spring 5	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188078	10/02/2019	Spring 6	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188079	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188080	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188081	10/02/2019	Spring 8A	0.0	0.0
N3B-2020-19	Organic	GELC	CAWR-20-188082	10/02/2019	Spring 9	0.0	0.0
N3B-2020-20	Inorganic	GELC	CAWR-20-188069	10/01/2019	Spring 3A	0.0	0.0
N3B-2020-20	Inorganic	GELC	CAWR-20-188071	10/01/2019	Spring 4	0.0	0.0
N3B-2020-20	Organic	GELC	CAWR-20-188069	10/01/2019	Spring 3A	0.0	0.0
N3B-2020-20	Organic	GELC	CAWR-20-188071	10/01/2019	Spring 4	0.0	0.0
N3B-2020-20	Organic	GELC	CAWR-20-188077	10/02/2019	Spring 5B	0.0	0.0
N3B-2020-21	Inorganic	GELC	CAWR-20-188079	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-21	Inorganic	GELC	CAWR-20-188080	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-21	Inorganic	GELC	CAWR-20-188082	10/02/2019	Spring 9	0.0	0.0
N3B-2020-21	Organic	GELC	CAWR-20-188079	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-21	Organic	GELC	CAWR-20-188080	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-21	Organic	GELC	CAWR-20-188082	10/02/2019	Spring 9	0.0	0.0
N3B-2020-214	Inorganic	GELC	CAPA-20-188575	10/28/2019	PCI-2	512.0	522.0
N3B-2020-214	Inorganic	GELC	CAPA-20-189114	10/28/2019	PCI-2	512.0	522.0
N3B-2020-214	Organic	GELC	CAPA-20-189114	10/28/2019	PCI-2	512.0	522.0
N3B-2020-22	Organic	GELC	CAWR-20-188071	10/01/2019	Spring 4	0.0	0.0

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Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-225	Inorganic	GELC	CAPA-20-189113	10/29/2019	03-B-13	21.5	31.5
N3B-2020-225	Organic	GELC	CAPA-20-189113	10/29/2019	03-B-13	21.5	31.5
N3B-2020-23	Inorganic	GELC	CAWR-20-188068	10/01/2019	Spring 3	0.0	0.0
N3B-2020-23	Inorganic	GELC	CAWR-20-188070	10/01/2019	Spring 3AA	0.0	0.0
N3B-2020-23	Inorganic	GELC	CAWR-20-188077	10/02/2019	Spring 5B	0.0	0.0
N3B-2020-23	Inorganic	GELC	CAWR-20-188078	10/02/2019	Spring 6	0.0	0.0
N3B-2020-23	Organic	GELC	CAWR-20-188068	10/01/2019	Spring 3	0.0	0.0
N3B-2020-23	Organic	GELC	CAWR-20-188070	10/01/2019	Spring 3AA	0.0	0.0
N3B-2020-23	Organic	GELC	CAWR-20-188077	10/02/2019	Spring 5B	0.0	0.0
N3B-2020-23	Organic	GELC	CAWR-20-188078	10/02/2019	Spring 6	0.0	0.0
N3B-2020-266	Inorganic	GELC	CAPA-20-188570	10/31/2019	18-MW-18	12.5	23.0
N3B-2020-266	Inorganic	GELC	CAPA-20-189112	10/31/2019	18-MW-18	12.5	23.0
N3B-2020-266	Organic	GELC	CAPA-20-189112	10/31/2019	18-MW-18	12.5	23.0
N3B-2020-266	Rad	GELC	CAPA-20-189112	10/31/2019	18-MW-18	12.5	23.0
N3B-2020-288	Inorganic	GELC	CASA-20-189237	11/07/2019	R-10 S1	874.0	897.0
N3B-2020-288	Inorganic	GELC	CASA-20-189238	11/07/2019	R-10 S1	874.0	897.0
N3B-2020-288	Inorganic	GELC	CASA-20-189269	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-288	Inorganic	GELC	CASA-20-189270	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-288	Inorganic	GELC	CASA-20-189278	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-288	Inorganic	GELC	CASA-20-189279	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-288	Organic	GELC	CASA-20-189238	11/07/2019	R-10 S1	874.0	897.0
N3B-2020-288	Organic	GELC	CASA-20-189270	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-288	Organic	GELC	CASA-20-189279	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-288	Rad	GELC	CASA-20-189238	11/07/2019	R-10 S1	874.0	897.0
N3B-2020-288	Rad	GELC	CASA-20-189270	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-288	Rad	GELC	CASA-20-189279	11/07/2019	R-10 S2	1042.0	1065.0

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Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-289	Inorganic	GELC	CASA-20-189288	11/07/2019	R-10a	690.0	700.0
N3B-2020-289	Inorganic	GELC	CASA-20-189289	11/07/2019	R-10a	690.0	700.0
N3B-2020-289	Organic	GELC	CASA-20-189289	11/07/2019	R-10a	690.0	700.0
N3B-2020-289	Rad	GELC	CASA-20-189289	11/07/2019	R-10a	690.0	700.0
N3B-2020-292	Organic	SwRI	CASA-20-189238	11/07/2019	R-10 S1	874.0	897.0
N3B-2020-292	Organic	SwRI	CASA-20-189270	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-292	Organic	SwRI	CASA-20-189279	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-293	Organic	SWRI	CASA-20-189289	11/07/2019	R-10a	690.0	700.0
N3B-2020-30	Inorganic	CFA	CAWR-20-188071	10/01/2019	Spring 4	0.0	0.0
N3B-2020-30	Organic	CFA	CAWR-20-188071	10/01/2019	Spring 4	0.0	0.0
N3B-2020-333	Rad	ARSL	CASA-20-189238	11/07/2019	R-10 S1	874.0	897.0
N3B-2020-333	Rad	ARSL	CASA-20-189270	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-333	Rad	ARSL	CASA-20-189279	11/07/2019	R-10 S2	1042.0	1065.0
N3B-2020-333	Rad	ARSL	CASA-20-189289	11/07/2019	R-10a	690.0	700.0
N3B-2020-333	Rad	ARSL	CAMO-20-189292	11/13/2019	R-34	883.7	906.6
N3B-2020-338	Inorganic	GELC	CAMO-20-189291	11/13/2019	R-34	883.7	906.6
N3B-2020-338	Inorganic	GELC	CAMO-20-189292	11/13/2019	R-34	883.7	906.6
N3B-2020-338	Organic	GELC	CAMO-20-189292	11/13/2019	R-34	883.7	906.6
N3B-2020-338	Rad	GELC	CAMO-20-189292	11/13/2019	R-34	883.7	906.6
N3B-2020-344	Organic	SwRI	CAMO-20-189292	11/13/2019	R-34	883.7	906.6
N3B-2020-35	Organic	SwRI	CAWR-20-188075	10/02/2019	Spring 5	0.0	0.0
N3B-2020-35	Organic	SwRI	CAWR-20-188077	10/02/2019	Spring 5B	0.0	0.0
N3B-2020-35	Organic	SwRI	CAWR-20-188078	10/02/2019	Spring 6	0.0	0.0
N3B-2020-35	Organic	SwRI	CAWR-20-188079	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-35	Organic	SwRI	CAWR-20-188080	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-35	Organic	SwRI	CAWR-20-188081	10/02/2019	Spring 8A	0.0	0.0

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Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-35	Organic	SwRI	CAWR-20-188082	10/02/2019	Spring 9	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-186704	10/01/2019	Spring 4A	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-188072	10/01/2019	Spring 4A	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-186707	10/01/2019	Spring 4AA	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-188073	10/01/2019	Spring 4AA	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-186723	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-186728	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-188079	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-188080	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-186731	10/02/2019	Spring 9	0.0	0.0
N3B-2020-38	Inorganic	GELC	CAWR-20-188082	10/02/2019	Spring 9	0.0	0.0
N3B-2020-38	Rad	GELC	CAWR-20-188072	10/01/2019	Spring 4A	0.0	0.0
N3B-2020-38	Rad	GELC	CAWR-20-188073	10/01/2019	Spring 4AA	0.0	0.0
N3B-2020-38	Rad	GELC	CAWR-20-188079	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-38	Rad	GELC	CAWR-20-188080	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-38	Rad	GELC	CAWR-20-188082	10/02/2019	Spring 9	0.0	0.0
N3B-2020-40	Inorganic	GELC	CAWR-20-186726	10/02/2019	Spring 8A	0.0	0.0
N3B-2020-40	Inorganic	GELC	CAWR-20-188081	10/02/2019	Spring 8A	0.0	0.0
N3B-2020-40	Rad	GELC	CAWR-20-188081	10/02/2019	Spring 8A	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-186535	10/01/2019	Spring 3	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-188068	10/01/2019	Spring 3	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-186694	10/01/2019	Spring 3A	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-188069	10/01/2019	Spring 3A	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-186697	10/01/2019	Spring 3AA	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-188070	10/01/2019	Spring 3AA	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-186701	10/01/2019	Spring 4	0.0	0.0

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Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-41	Inorganic	GELC	CAWR-20-188071	10/01/2019	Spring 4	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-186713	10/02/2019	Spring 5	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-188075	10/02/2019	Spring 5	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-186716	10/02/2019	Spring 5B	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-188077	10/02/2019	Spring 5B	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-186719	10/02/2019	Spring 6	0.0	0.0
N3B-2020-41	Inorganic	GELC	CAWR-20-188078	10/02/2019	Spring 6	0.0	0.0
N3B-2020-41	Organic	GELC	CAWR-20-188071	10/01/2019	Spring 4	0.0	0.0
N3B-2020-41	Rad	GELC	CAWR-20-188068	10/01/2019	Spring 3	0.0	0.0
N3B-2020-41	Rad	GELC	CAWR-20-188069	10/01/2019	Spring 3A	0.0	0.0
N3B-2020-41	Rad	GELC	CAWR-20-188070	10/01/2019	Spring 3AA	0.0	0.0
N3B-2020-41	Rad	GELC	CAWR-20-188071	10/01/2019	Spring 4	0.0	0.0
N3B-2020-41	Rad	GELC	CAWR-20-188075	10/02/2019	Spring 5	0.0	0.0
N3B-2020-41	Rad	GELC	CAWR-20-188077	10/02/2019	Spring 5B	0.0	0.0
N3B-2020-41	Rad	GELC	CAWR-20-188078	10/02/2019	Spring 6	0.0	0.0
N3B-2020-47	Inorganic	GELC	CAWR-20-186491	10/07/2019	Sacred Spring	0.0	0.0
N3B-2020-47	Inorganic	GELC	CAWR-20-186492	10/07/2019	Sacred Spring	0.0	0.0
N3B-2020-47	Inorganic	GELC	CAWR-20-186481	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-47	Inorganic	GELC	CAWR-20-186482	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-47	Inorganic	GELC	CAWR-20-186483	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-47	Inorganic	GELC	CAWR-20-186484	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-47	Organic	GELC	CAWR-20-186492	10/07/2019	Sacred Spring	0.0	0.0
N3B-2020-47	Organic	GELC	CAWR-20-186482	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-47	Organic	GELC	CAWR-20-186484	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-47	Rad	GELC	CAWR-20-186492	10/07/2019	Sacred Spring	0.0	0.0
N3B-2020-47	Rad	GELC	CAWR-20-186482	10/07/2019	Upper La Mesita	0.0	0.0

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Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-47	Rad	GELC	CAWR-20-186484	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-48	Inorganic	GELC	CAWR-20-186492	10/07/2019	Sacred Spring	0.0	0.0
N3B-2020-48	Inorganic	GELC	CAWR-20-186482	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-48	Inorganic	GELC	CAWR-20-186484	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-48	Organic	GELC	CAWR-20-186492	10/07/2019	Sacred Spring	0.0	0.0
N3B-2020-48	Organic	GELC	CAWR-20-186482	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-48	Organic	GELC	CAWR-20-186484	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-57	Organic	SwRI	CAWR-20-186492	10/07/2019	Sacred Spring	0.0	0.0
N3B-2020-57	Organic	SwRI	CAWR-20-186482	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-57	Organic	SwRI	CAWR-20-186484	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-575	Inorganic	GELC	CALA-20-190759	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-575	Inorganic	GELC	CALA-20-190760	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-575	Inorganic	GELC	CALA-20-191389	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-575	Inorganic	GELC	CALA-20-191390	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-575	Organic	GELC	CALA-20-190760	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-575	Organic	GELC	CALA-20-191390	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-575	Rad	GELC	CALA-20-190760	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-575	Rad	GELC	CALA-20-191390	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-587	Rad	ARSL	CALA-20-190760	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-587	Rad	ARSL	CALA-20-191390	12/17/2019	Vine Tree Spring	0.0	0.0
N3B-2020-66	Organic	SwRI	CAWR-20-186514	10/08/2019	Spring 1	0.0	0.0
N3B-2020-74	Inorganic	GELC	CAWR-20-186513	10/08/2019	Spring 1	0.0	0.0
N3B-2020-74	Inorganic	GELC	CAWR-20-186514	10/08/2019	Spring 1	0.0	0.0
N3B-2020-74	Organic	GELC	CAWR-20-186514	10/08/2019	Spring 1	0.0	0.0
N3B-2020-74	Rad	GELC	CAWR-20-186514	10/08/2019	Spring 1	0.0	0.0
N3B-2020-75	Inorganic	GELC	CAWR-20-186514	10/08/2019	Spring 1	0.0	0.0

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Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-75	Organic	GELC	CAWR-20-186514	10/08/2019	Spring 1	0.0	0.0
N3B-2020-82	Inorganic	GELC	CAWR-20-186503	10/09/2019	Lower Sandia Spring	0.0	0.0
N3B-2020-82	Inorganic	GELC	CAWR-20-186504	10/09/2019	Lower Sandia Spring	0.0	0.0
N3B-2020-82	Organic	GELC	CAWR-20-186504	10/09/2019	Lower Sandia Spring	0.0	0.0
N3B-2020-82	Rad	GELC	CAWR-20-186504	10/09/2019	Lower Sandia Spring	0.0	0.0
N3B-2020-87	Organic	SwRI	CAWR-20-186504	10/09/2019	Lower Sandia Spring	0.0	0.0
N3B-2020-89	Rad	ARSL	CAWR-20-186504	10/09/2019	Lower Sandia Spring	0.0	0.0
N3B-2020-89	Rad	ARSL	CAWR-20-186492	10/07/2019	Sacred Spring	0.0	0.0
N3B-2020-89	Rad	ARSL	CAWR-20-186514	10/08/2019	Spring 1	0.0	0.0
N3B-2020-89	Rad	ARSL	CAWR-20-188069	10/01/2019	Spring 3A	0.0	0.0
N3B-2020-89	Rad	ARSL	CAWR-20-188072	10/01/2019	Spring 4A	0.0	0.0
N3B-2020-89	Rad	ARSL	CAWR-20-188075	10/02/2019	Spring 5	0.0	0.0
N3B-2020-89	Rad	ARSL	CAWR-20-188081	10/02/2019	Spring 8A	0.0	0.0
N3B-2020-89	Rad	ARSL	CAWR-20-186482	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-89	Rad	ARSL	CAWR-20-186484	10/07/2019	Upper La Mesita	0.0	0.0
N3B-2020-90	Rad	ARSL	CAWR-20-188070	10/01/2019	Spring 3AA	0.0	0.0
N3B-2020-90	Rad	ARSL	CAWR-20-188073	10/01/2019	Spring 4AA	0.0	0.0
N3B-2020-90	Rad	ARSL	CAWR-20-188077	10/02/2019	Spring 5B	0.0	0.0
N3B-2020-90	Rad	ARSL	CAWR-20-188079	10/02/2019	Spring 6A	0.0	0.0
N3B-2020-90	Rad	ARSL	CAWR-20-188080	10/02/2019	Spring 6A	0.0	0.0

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

[b] Rad = Radiochemistry (not gamma).

[c] ARSL = American Radiation Services, Inc.

[d] SWRI = South West Research Institute.